Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Quant Time: May 21 01:27:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	123516	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	487024	20.000	ng		-0.01
39) Acenaphthene-d10	14.287	164	353212	20.000	ng		-0.02
64) Phenanthrene-d10	17.086	188	701501	20.000	ng		-0.01
76) Chrysene-d12	21.504	240	734247	20.000	ng		-0.02
86) Perylene-d12	24.780	264	908700	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	482125	66.762	ng		0.00
7) Phenol-d6	6.864	99	365213	39.625	ng		0.01
23) Nitrobenzene-d5	8.805	82	716251	74.308	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	921383	153.873	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	1941565	72.016	ng		0.00
79) Terphenyl-d14	19.798	244	3318004	77.486	ng		-0.01
Target Compounds							Qvalue
18) Hexachloroethane	8.746	117	26397	7.261	ng	#	1
22) Acetophenone	8.469	105	102940	8.462	ng	#	98
27) 2,4-Dimethylphenol	9.634	122	25850	3.527	ng		95
32) Benzoic acid	9.634	122	25286	11.654	ng	#	34
36) 4-Chloro-3-methylphenol	11.781	107	178261	20.584	ng	#	20
37) 2-Methylnaphthalene	12.087	142	66819	4.089	ng		97
38) 1-Methylnaphthalene	12.087	142	66819	3.821	ng		98
54) 2,4-Dinitrophenol	14.416	184	31	6.409	ng	#	1
56) 4-Nitrophenol	14.769	139	2608	4.726	ng		84
63) Azobenzene	15.669	77	118666	5.098	ng	#	1

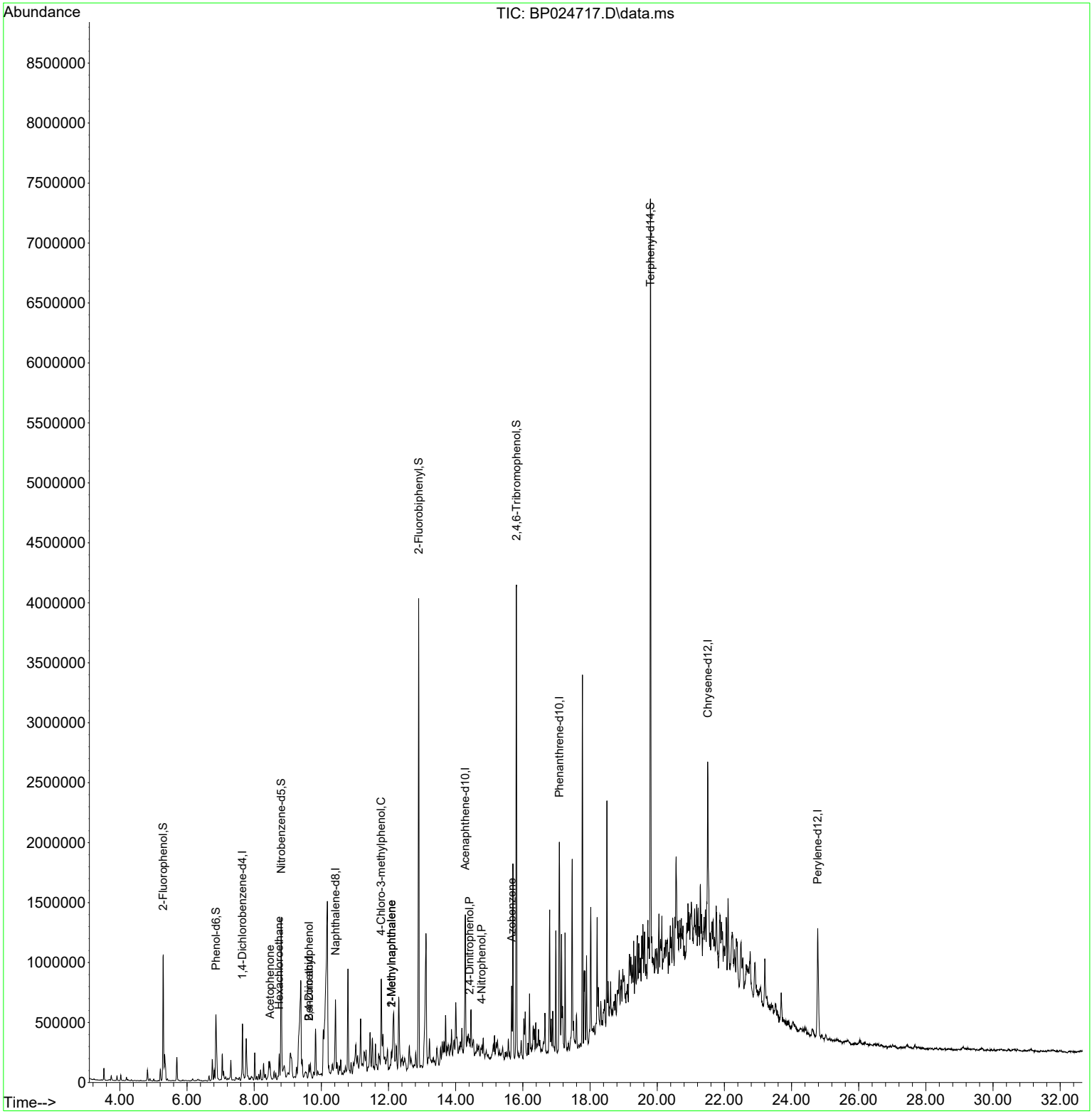
(#) = qualifier out of range (m) = manual integration (+) = signals summed

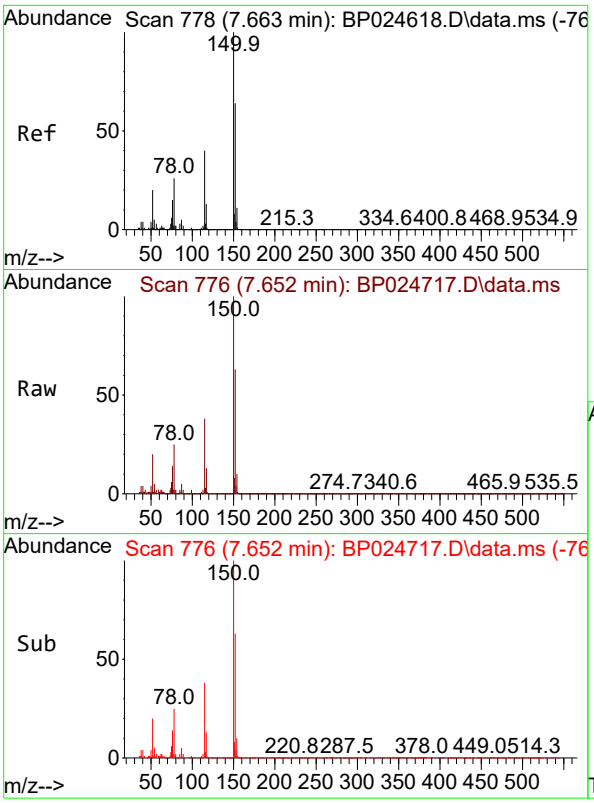
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024717.D
Acq On : 20 May 2025 21:23
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Quant Time: May 21 01:27:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration



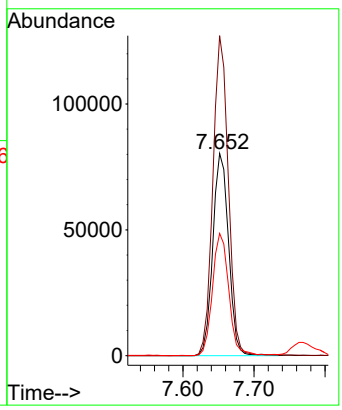


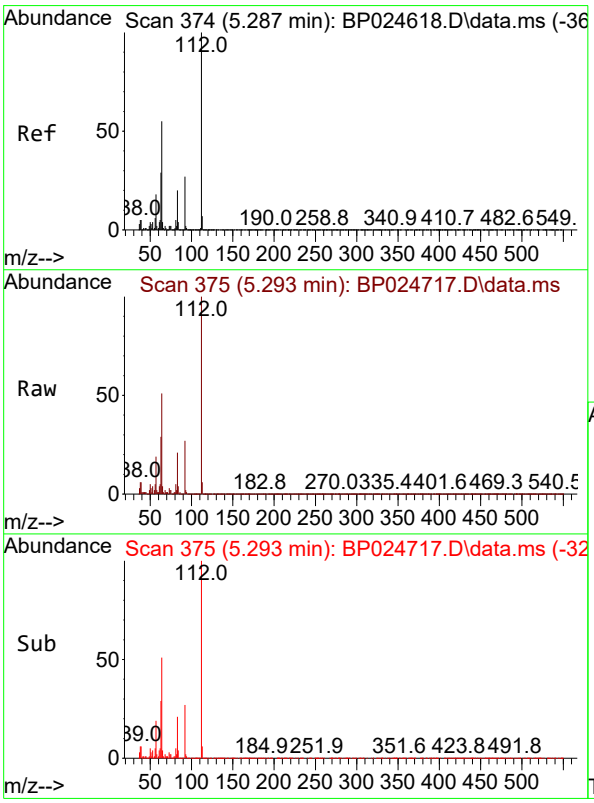
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.652 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:152 Resp: 123516

Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.9	188.9
115	60.5	50.1	75.1

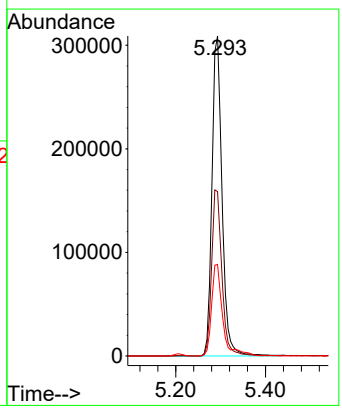


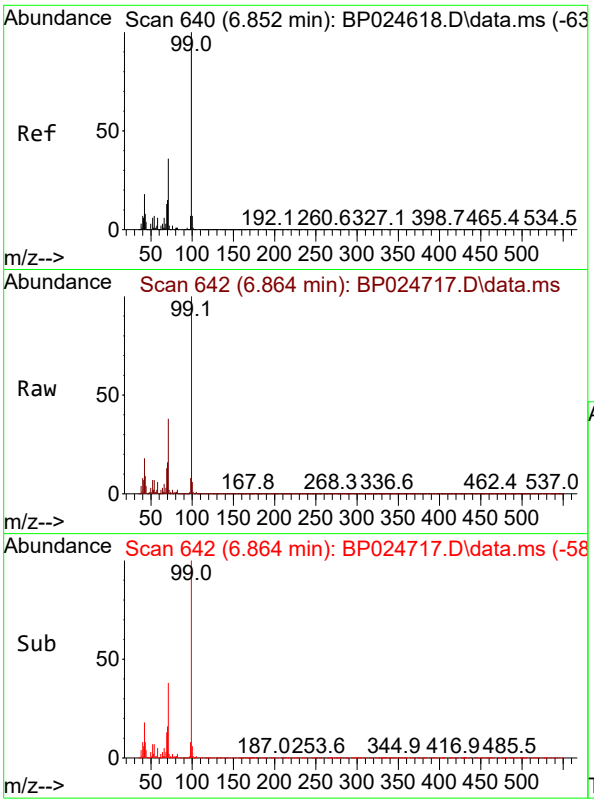


#5
2-Fluorophenol
Concen: 66.762 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:112 Resp: 482125

Ion	Ratio	Lower	Upper
112	100		
64	51.4	44.1	66.1
63	28.6	23.5	35.3



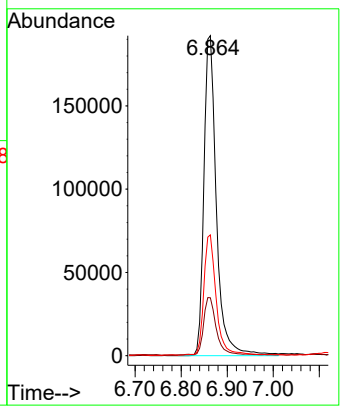


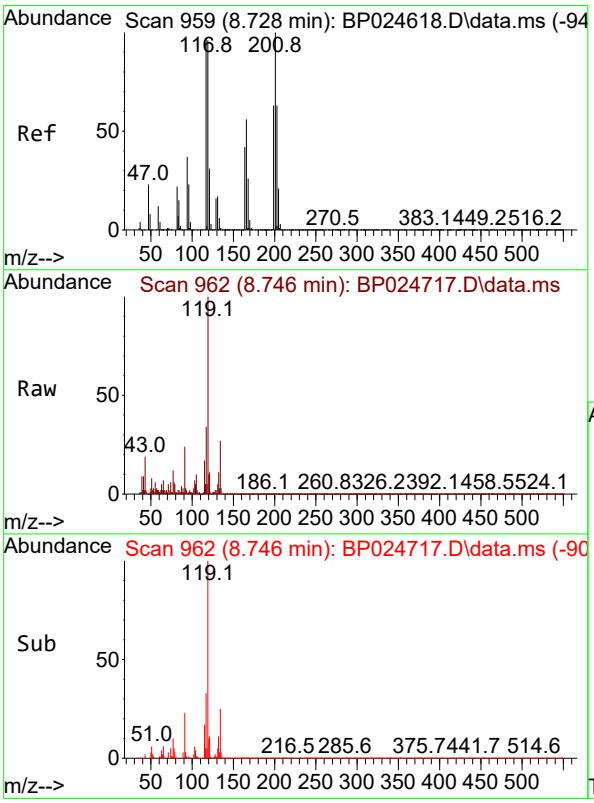
#7
Phenol-d6
Concen: 39.625 ng
RT: 6.864 min Scan# 64
Delta R.T. 0.012 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion: 99 Resp: 365213

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.4	21.6
71	37.8	29.2	43.8

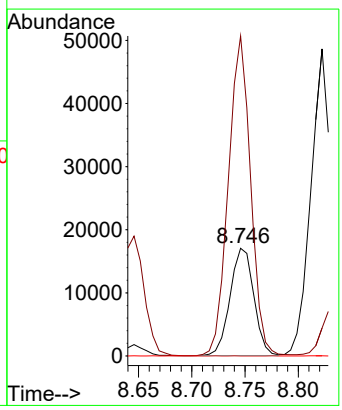


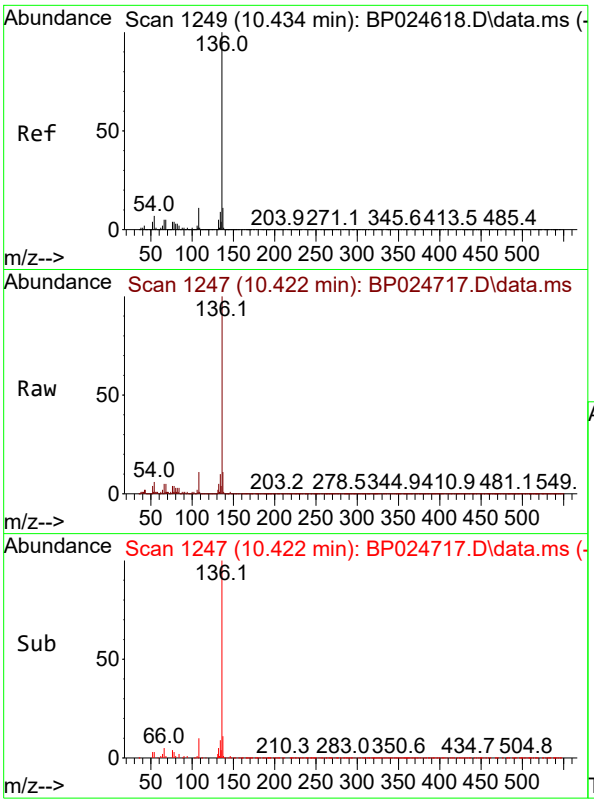


#18
Hexachloroethane
Concen: 7.261 ng
RT: 8.746 min Scan# 962
Delta R.T. 0.018 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:117 Resp: 26397

Ion	Ratio	Lower	Upper
117	100		
119	297.0	79.4	119.0#
201	0.0	82.7	124.1#



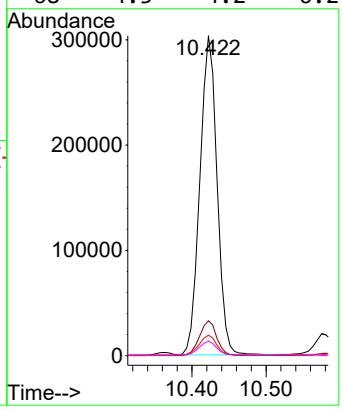


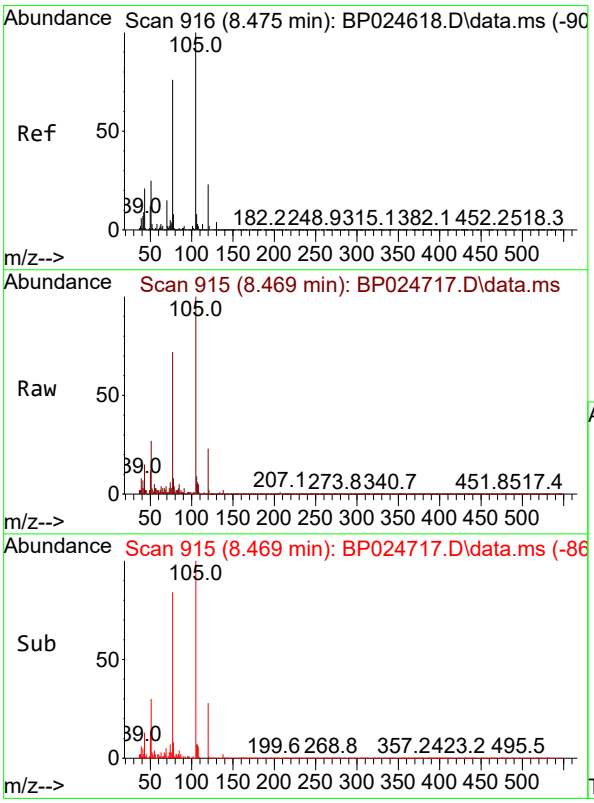
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:136 Resp: 487024

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.4	5.5	8.3
68	4.5	4.2	6.2

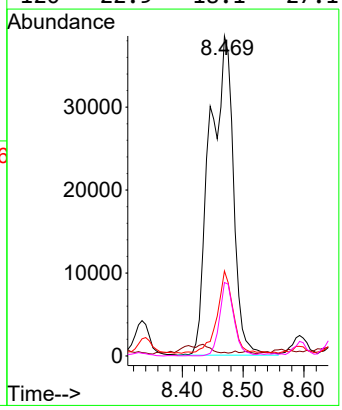


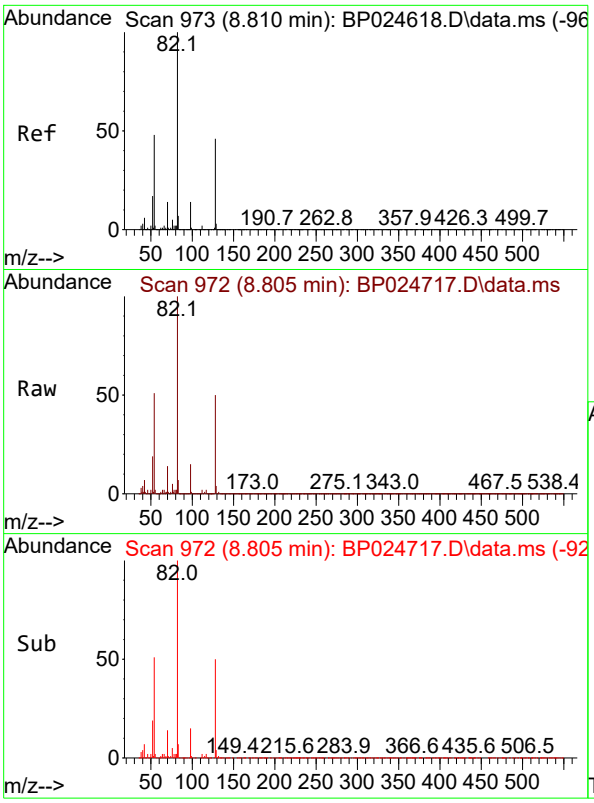


#22
Acetophenone
Concen: 8.462 ng
RT: 8.469 min Scan# 915
Delta R.T. -0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:105 Resp: 102940

Ion	Ratio	Lower	Upper
105	100		
71	1.2	2.0	3.0#
51	26.5	20.4	30.6
120	22.9	18.1	27.1



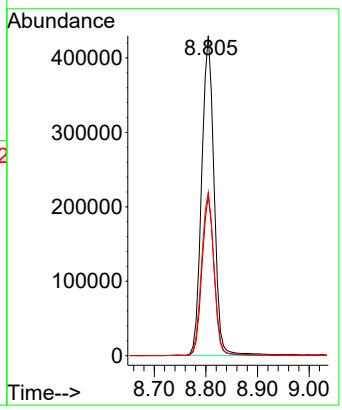


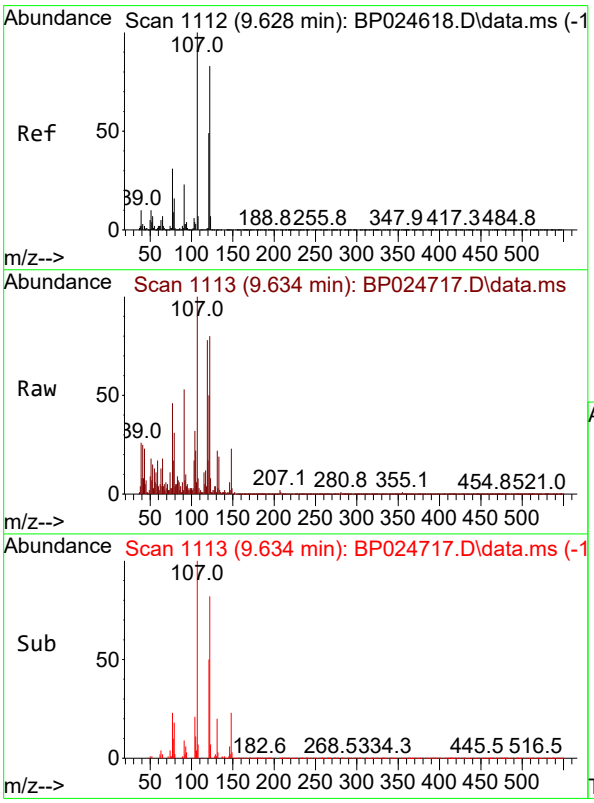
#23
Nitrobenzene-d5
Concen: 74.308 ng
RT: 8.805 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion: 82 Resp: 716251

Ion	Ratio	Lower	Upper
82	100		
128	50.1	37.0	55.4
54	51.1	38.7	58.1

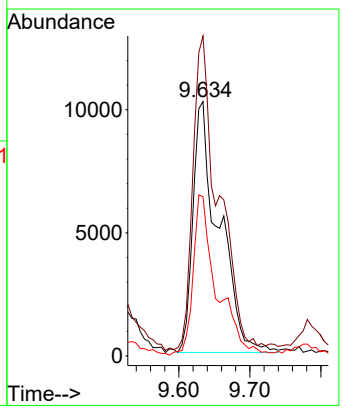


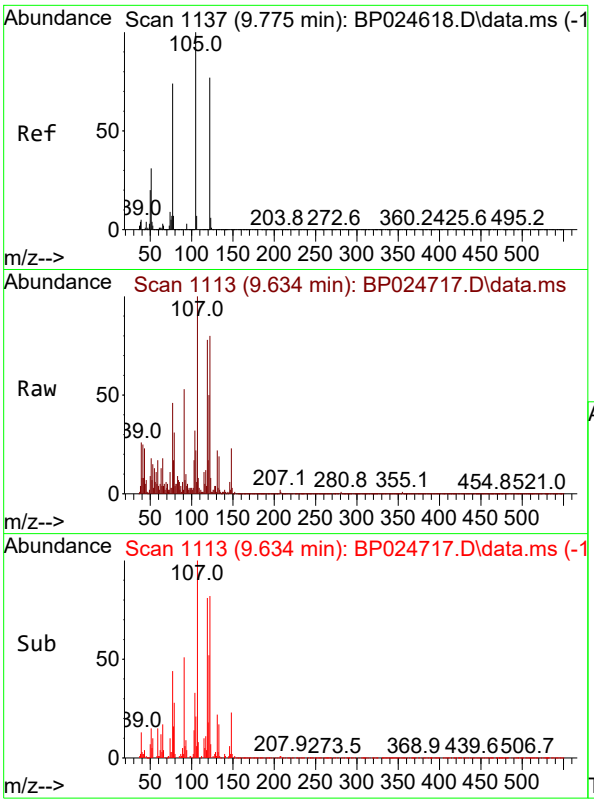


#27
2,4-Dimethylphenol
Concen: 3.527 ng
RT: 9.634 min Scan# 1113
Delta R.T. 0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:122 Resp: 25850

Ion	Ratio	Lower	Upper
122	100		
107	125.8	96.2	144.2
121	62.5	47.6	71.4



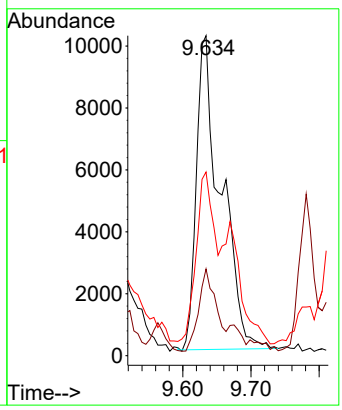


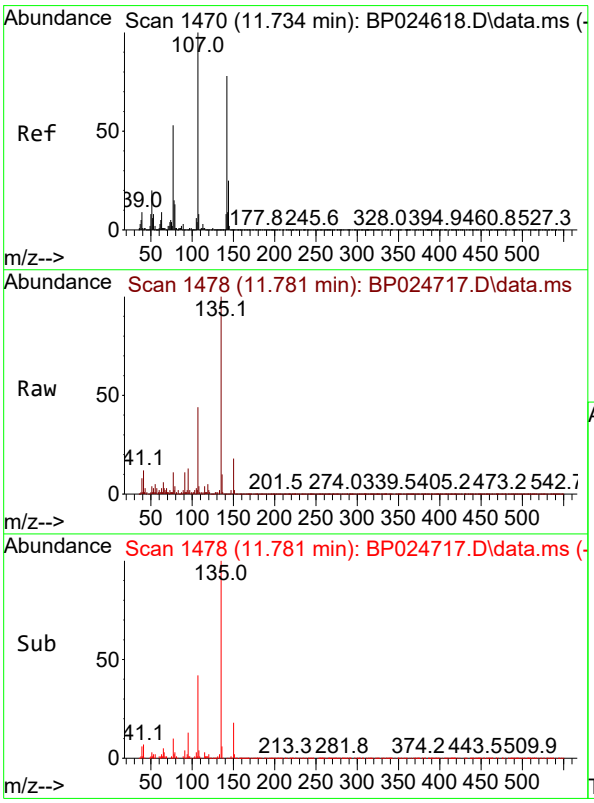
#32
Benzoic acid
Concen: 11.654 ng
RT: 9.634 min Scan# 11
Delta R.T. -0.141 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:122 Resp: 25286

Ion	Ratio	Lower	Upper
122	100		
105	27.1	106.9	146.9#
77	57.4	75.1	115.1#

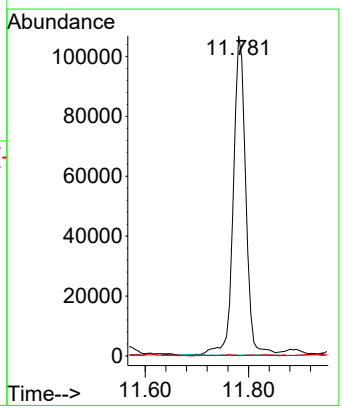


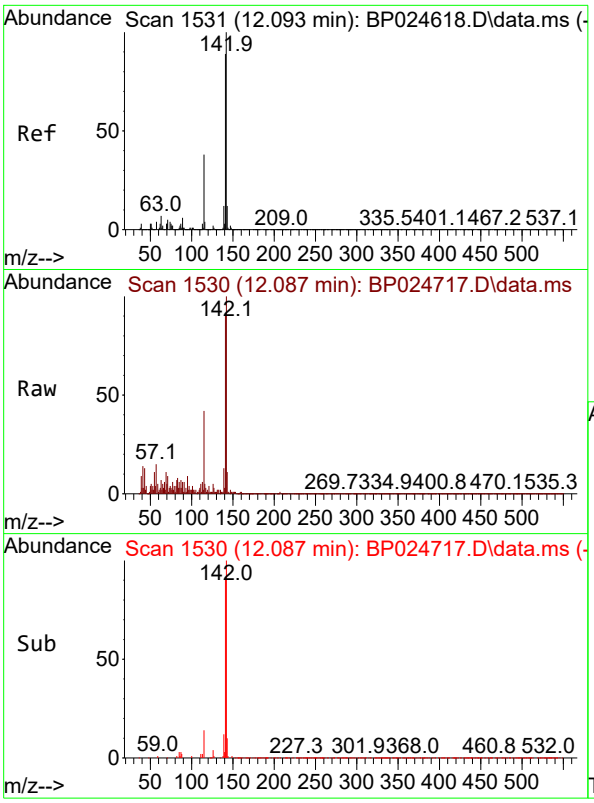


#36
4-Chloro-3-methylphenol
Concen: 20.584 ng
RT: 11.781 min Scan# 1478
Delta R.T. 0.047 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:107 Resp: 178261

Ion	Ratio	Lower	Upper
107	100		
144	0.1	20.1	30.1#
142	0.2	62.1	93.1#



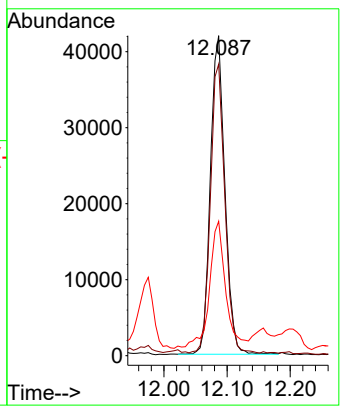


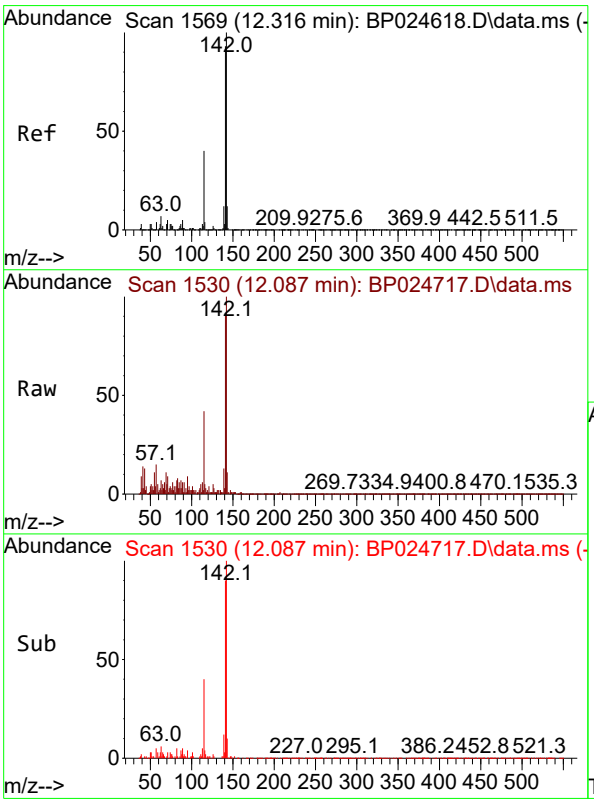
#37
2-Methylnaphthalene
Concen: 4.089 ng
RT: 12.087 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:142 Resp: 66819

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.2	106.8
115	42.0	30.6	46.0

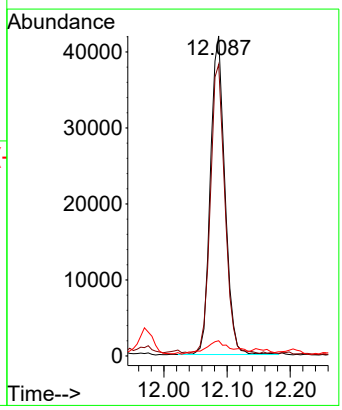


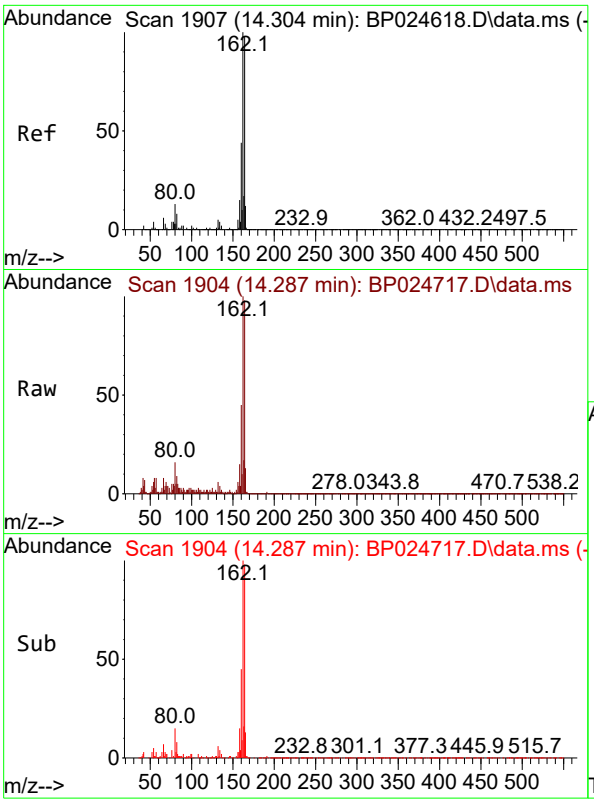


#38
1-Methylnaphthalene
Concen: 3.821 ng
RT: 12.087 min Scan# 1530
Delta R.T. -0.229 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:142 Resp: 66819

Ion	Ratio	Lower	Upper
142	100		
141	91.1	74.7	112.1
116	4.8	3.4	5.2



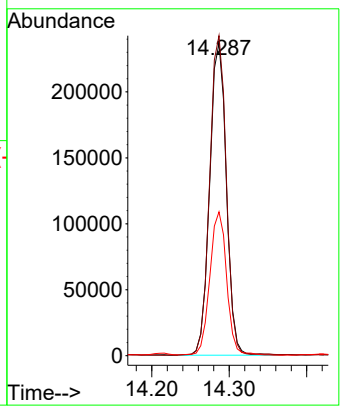


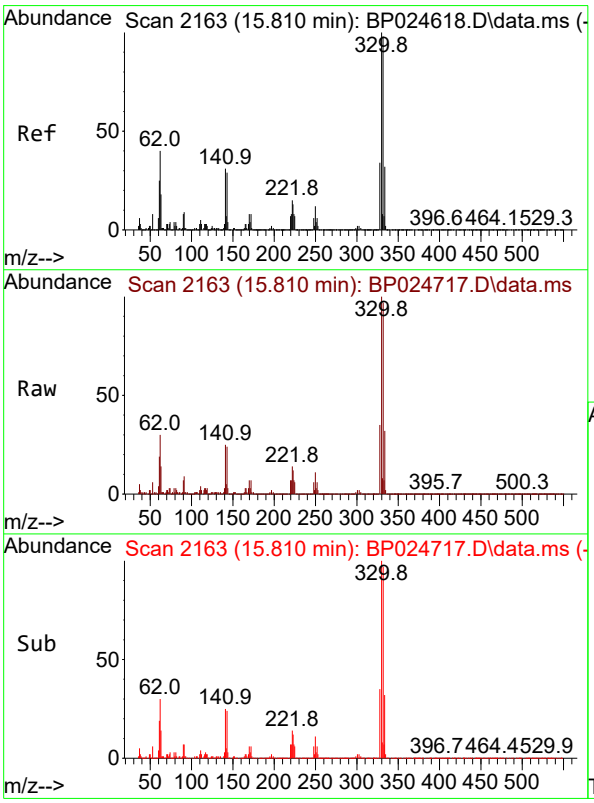
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.287 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:164 Resp: 353212

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.8	122.6
160	46.0	36.3	54.5

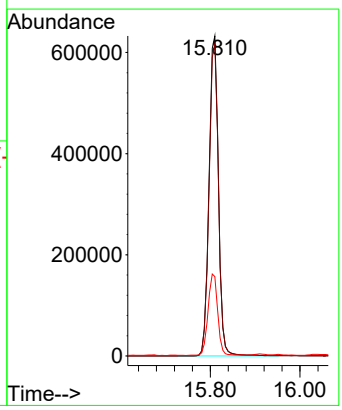


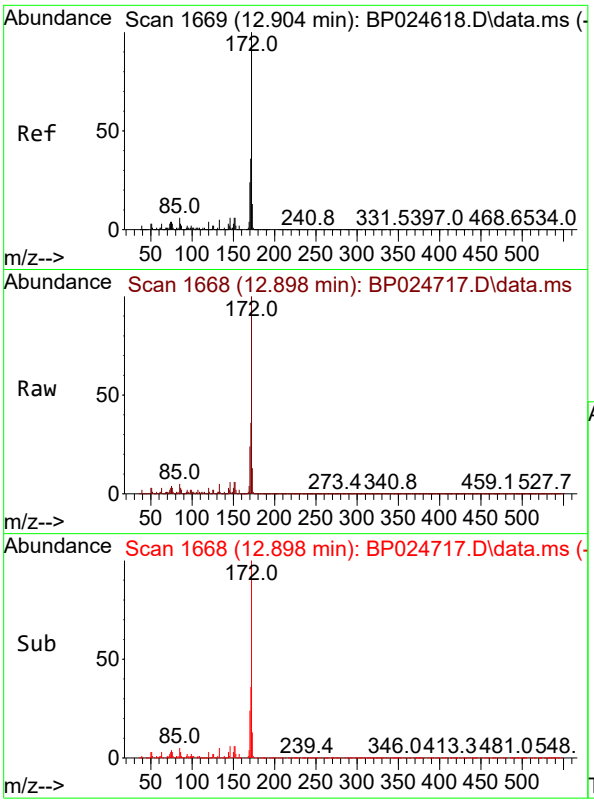


#42
2,4,6-Tribromophenol
Concen: 153.873 ng
RT: 15.810 min Scan# 2163
Delta R.T. 0.000 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:330 Resp: 921383

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.4
141	26.2	24.3	36.5



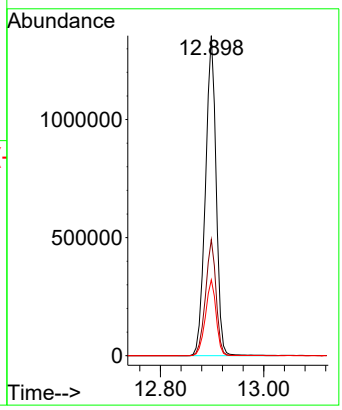


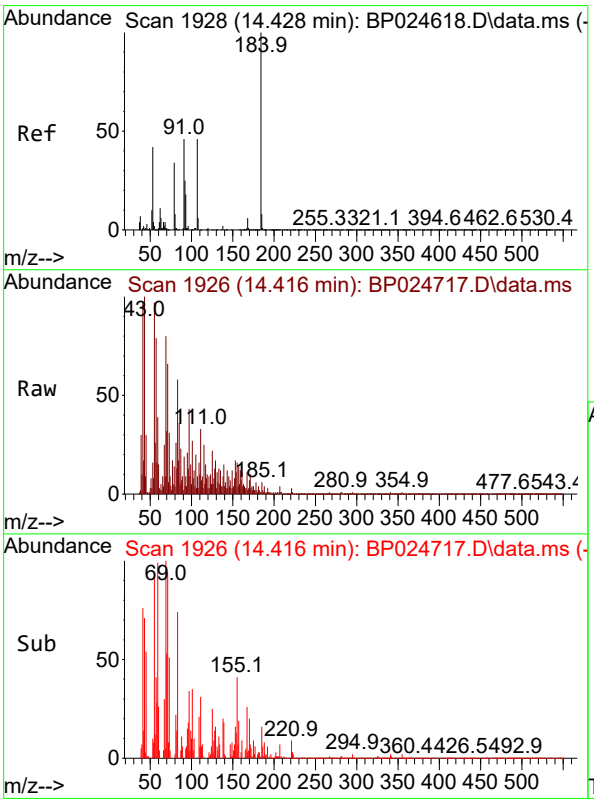
#45
2-Fluorobiphenyl
Concen: 72.016 ng
RT: 12.898 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:172 Resp: 1941565

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.8	43.2
170	23.7	18.8	28.2

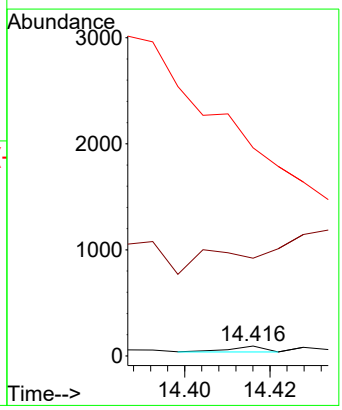


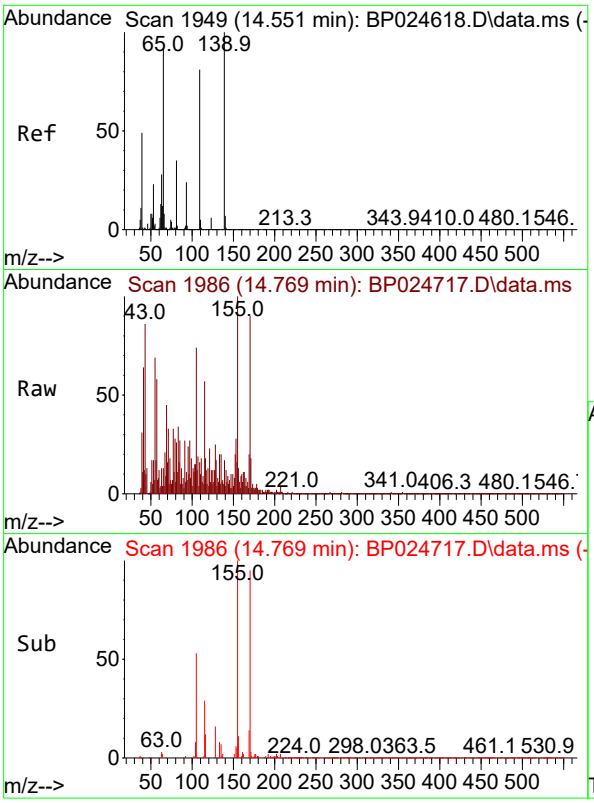


#54
2,4-Dinitrophenol
Concen: 6.409 ng
RT: 14.416 min Scan# 1926
Delta R.T. -0.012 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:184 Resp: 31

Ion	Ratio	Lower	Upper
184	100		
63	990.3	51.3	76.9#
154	2110.8	53.5	80.3#



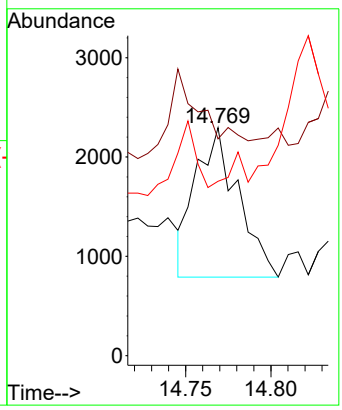


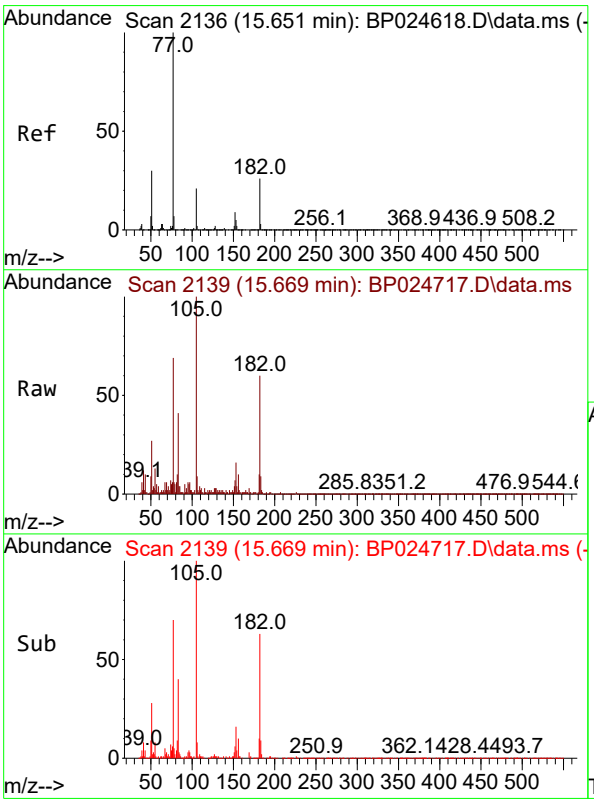
#56
4-Nitrophenol
Concen: 4.726 ng
RT: 14.769 min Scan# 1
Delta R.T. 0.218 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:139 Resp: 2608

Ion	Ratio	Lower	Upper
139	100		
109	95.1	61.4	101.4
65	76.5	72.2	112.2

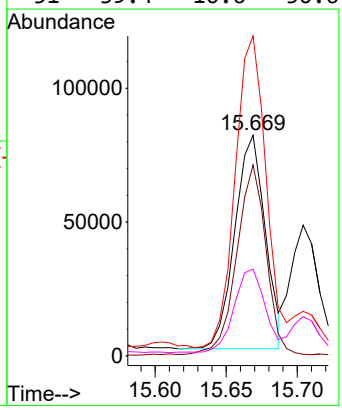


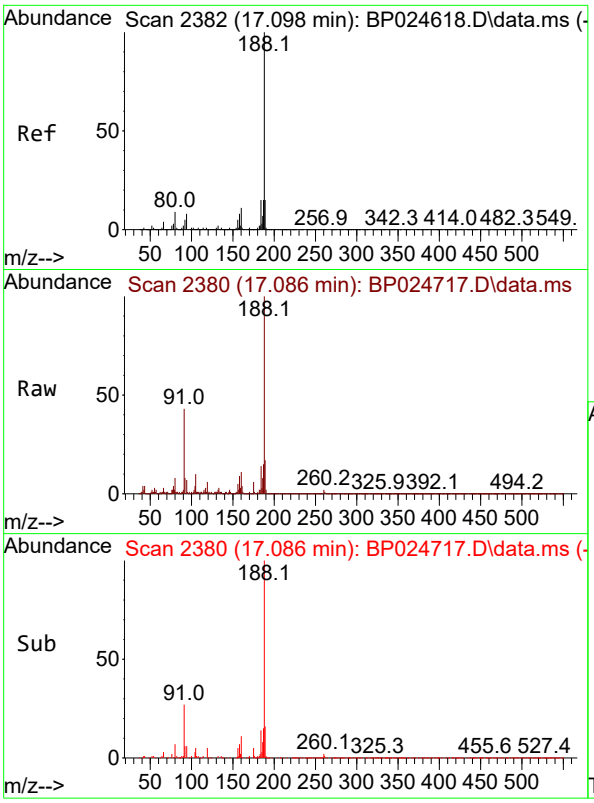


#63
Azobenzene
Concen: 5.098 ng
RT: 15.669 min Scan# 2139
Delta R.T. 0.018 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion: 77 Resp: 118666

Ion	Ratio	Lower	Upper
77	100		
182	86.6	5.7	45.7#
105	145.0	1.3	41.3#
51	39.4	10.6	50.6



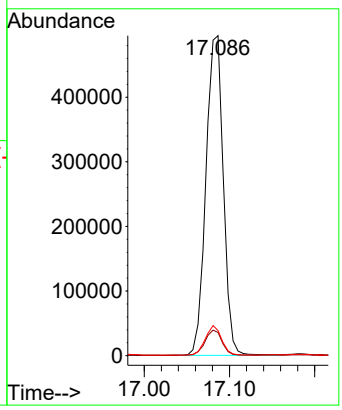


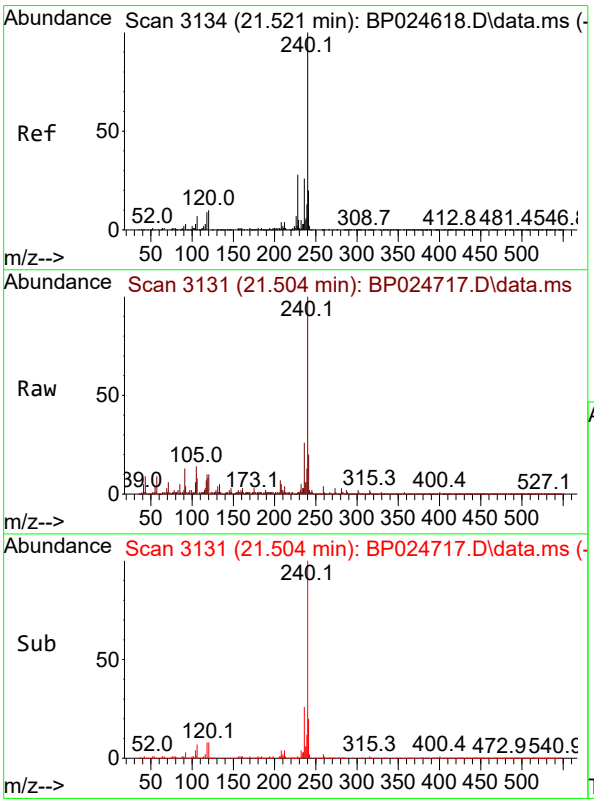
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:188 Resp: 701501

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.5	9.7
80	7.9	7.3	10.9

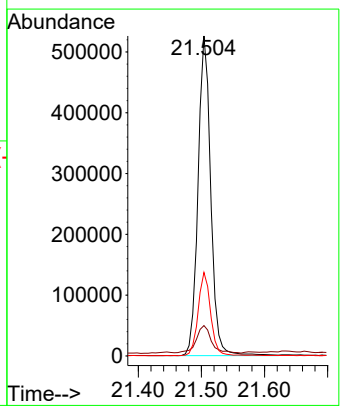


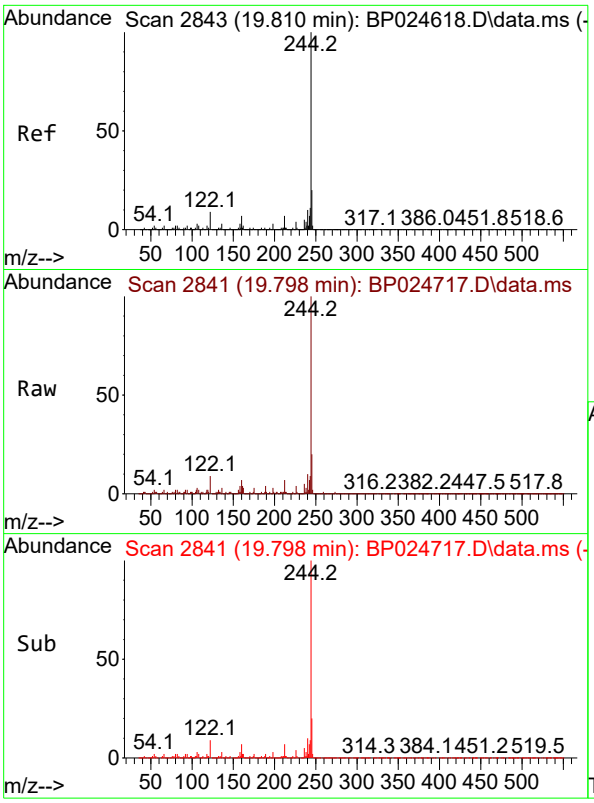


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.504 min Scan# 3131
Delta R.T. -0.018 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:240 Resp: 734247

Ion	Ratio	Lower	Upper
240	100		
120	9.5	7.8	11.6
236	26.1	20.6	31.0



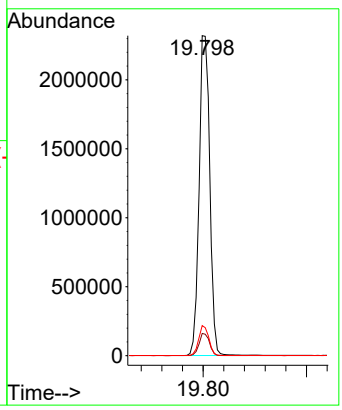


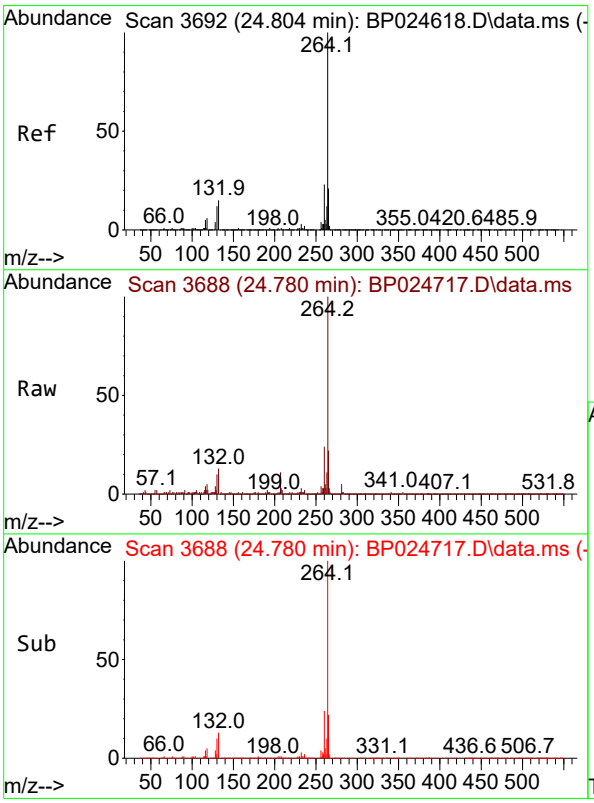
#79
Terphenyl-d14
Concen: 77.486 ng
RT: 19.798 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:244 Resp: 3318004

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.4	7.4	11.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.780 min Scan# 3688
Delta R.T. -0.023 min
Lab File: BP024717.D
Acq: 20 May 2025 21:23

Tgt Ion:264 Resp: 908700

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.1	17.0	25.6