Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091824\
Data File : BM047562.D
Acq On : 18 Sep 2024 19:05
Operator : RC/JU
Sample : P4088-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-08

Quant Time: Sep 19 03:18:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	232709	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	903255	20.000	ng	0.00
39) Acenaphthene-d10	14.480	164	451602	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	830876	20.000	ng	0.00
76) Chrysene-d12	21.439	240	678507	20.000	ng	# 0.00
86) Perylene-d12	24.474	264	749282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1286881	88.050	ng	0.00
7) Phenol-d6	7.010	99	1756802	85.354	ng	0.00
23) Nitrobenzene-d5	9.004	82	1031721	57.164	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	309423	70.885	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	1762994	53.777	ng	0.00
79) Terphenyl-d14	19.833	244	2128644	56.218	ng	0.00
Target Compounds						Qvalue
63) Azobenzene	15.833	77	274381	7.607	ng	# 1

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

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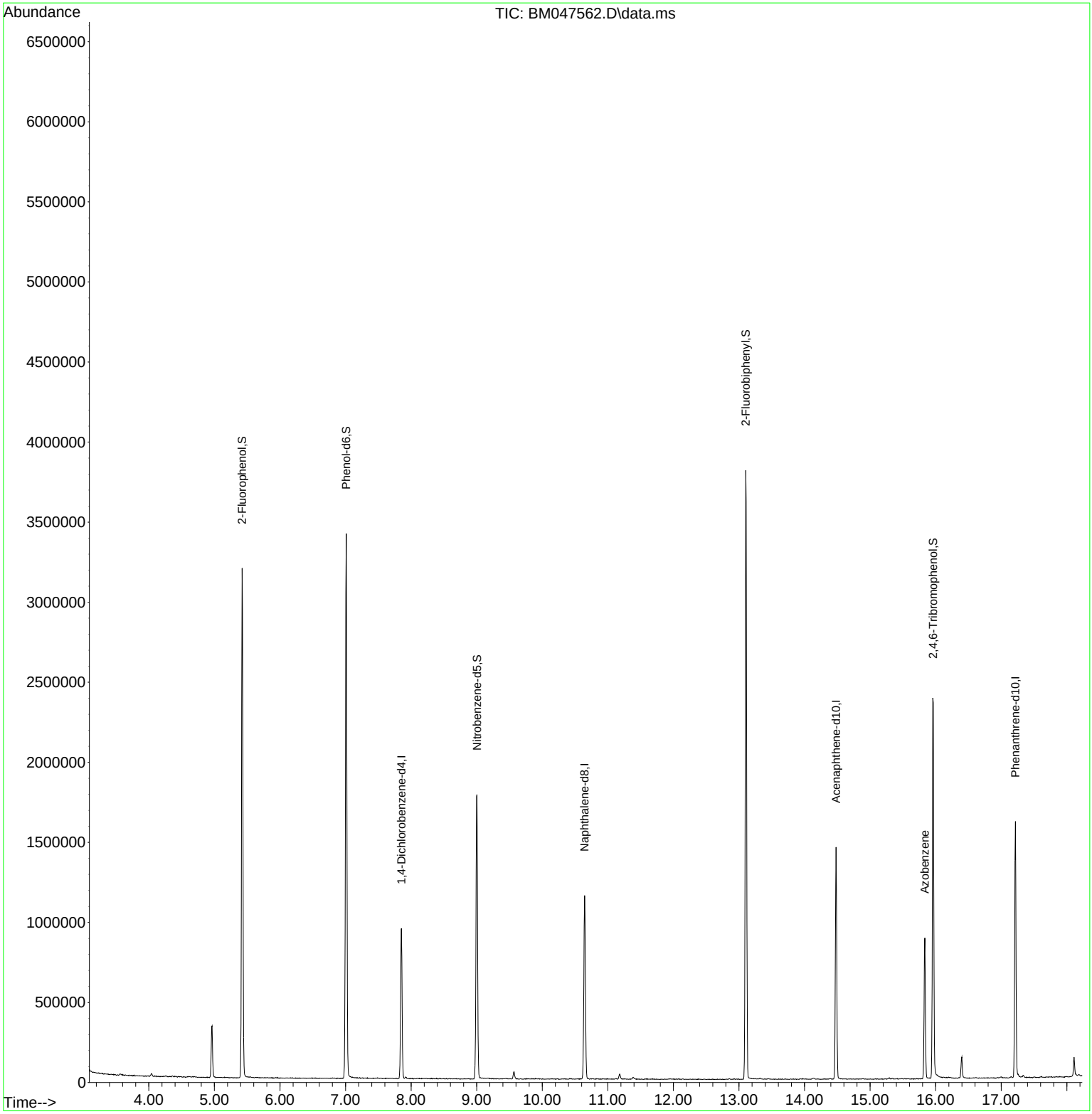

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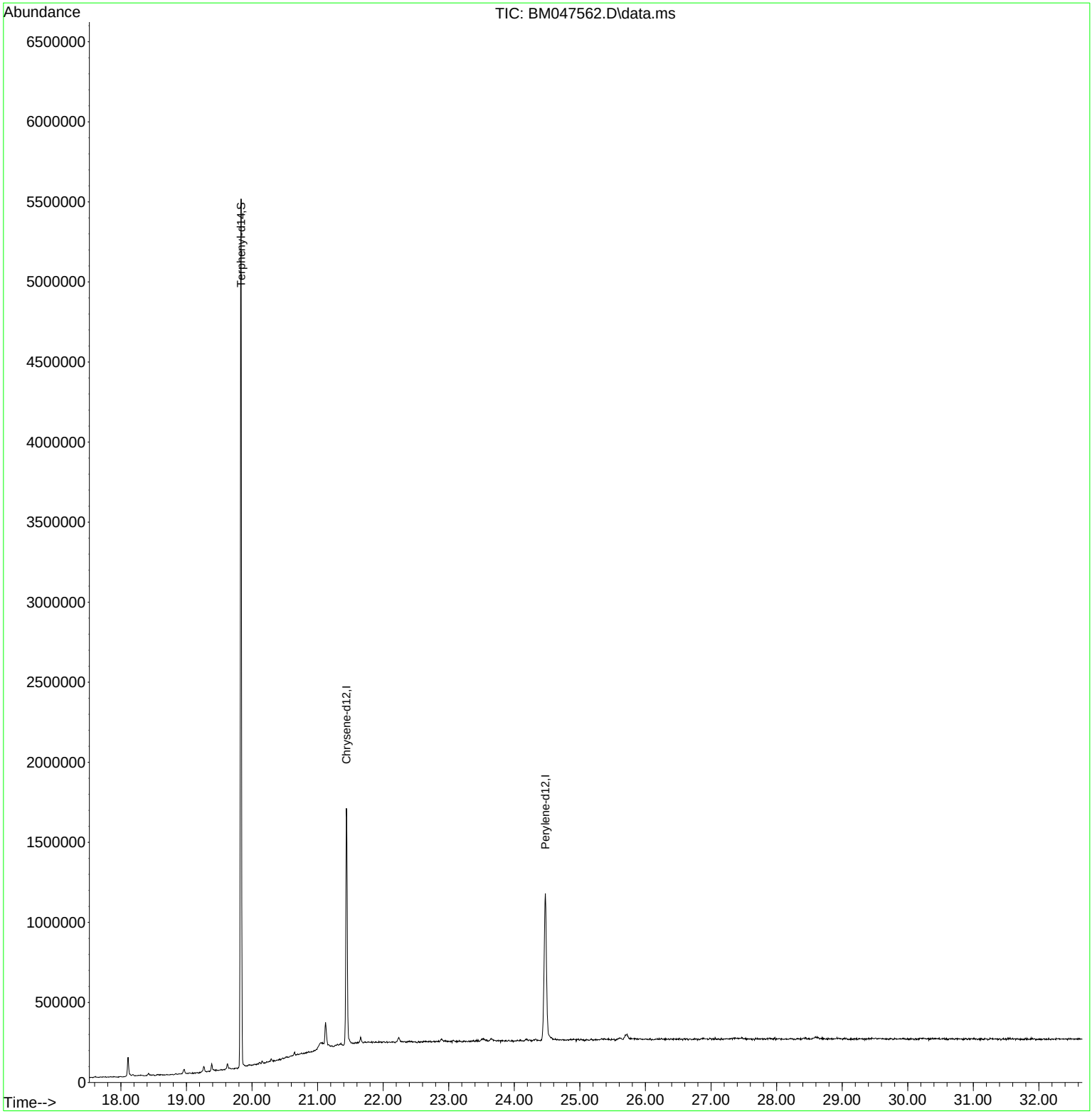
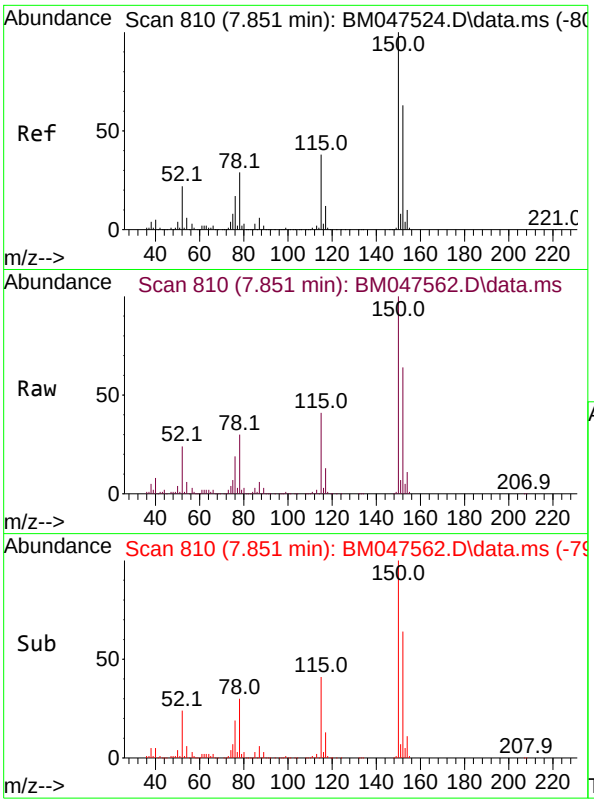


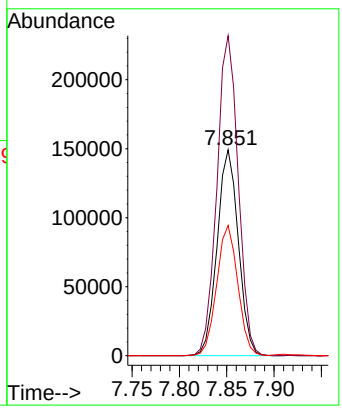


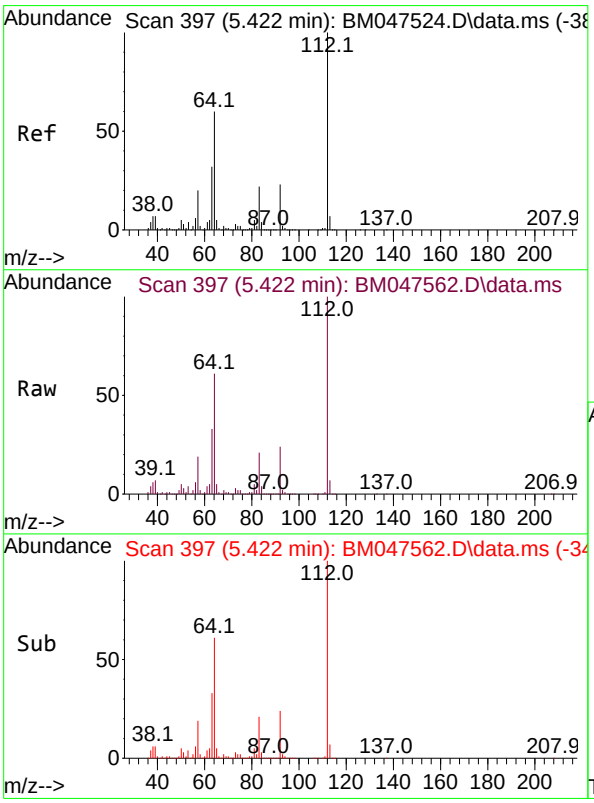
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-08

Tgt Ion:152 Resp: 232709

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.8	190.2
115	63.2	47.8	71.8

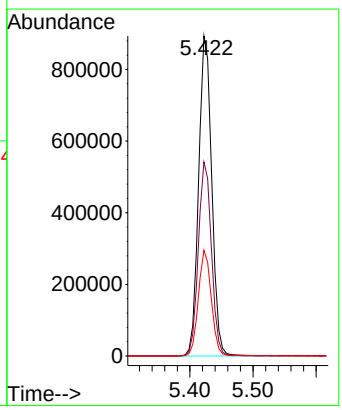


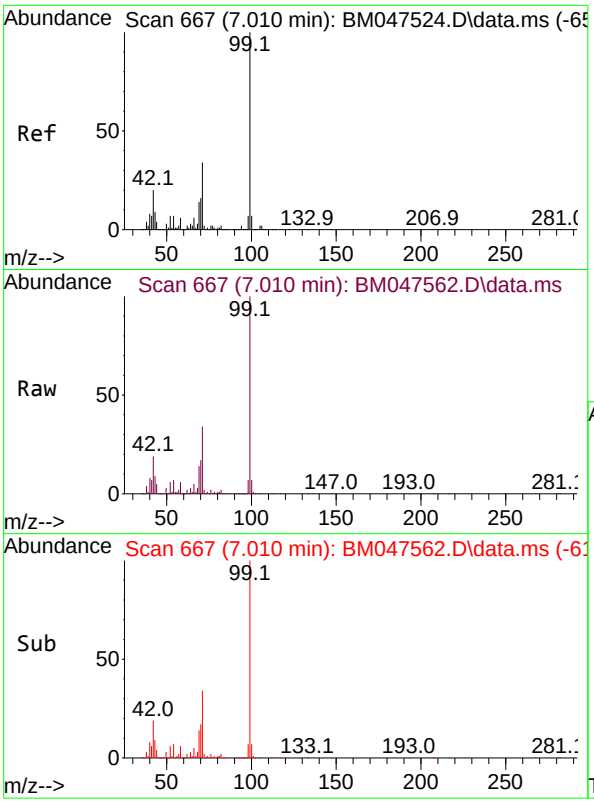


#5
2-Fluorophenol
Concen: 88.050 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Tgt Ion:112 Resp: 1286881

Ion	Ratio	Lower	Upper
112	100		
64	60.6	48.2	72.4
63	33.0	26.0	39.0



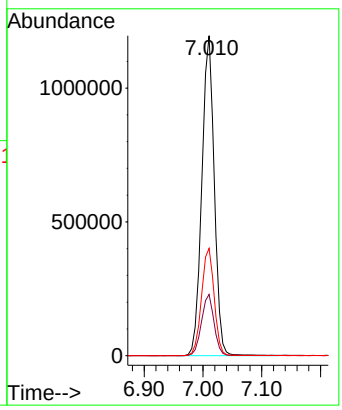


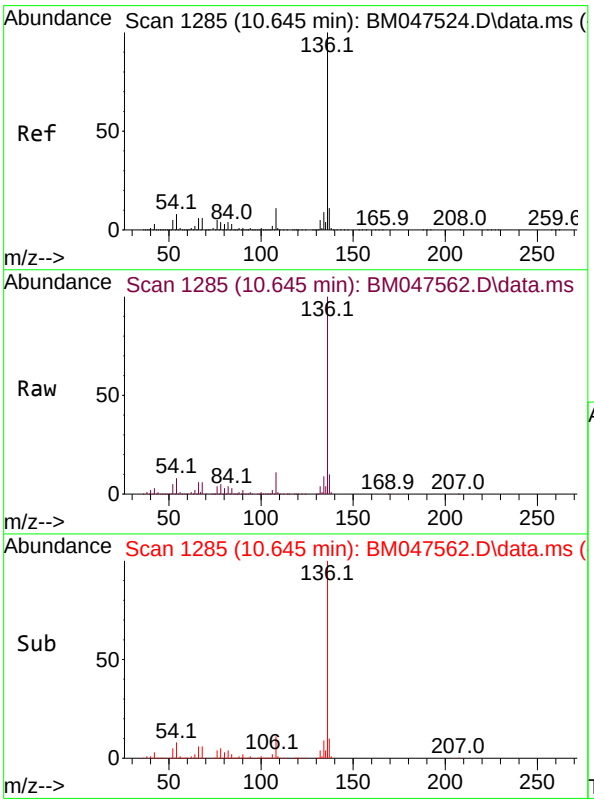
#7
Phenol-d6
Concen: 85.354 ng
RT: 7.010 min Scan# 6(
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-08

Tgt Ion: 99 Resp: 1756802

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.8
71	33.6	27.6	41.4

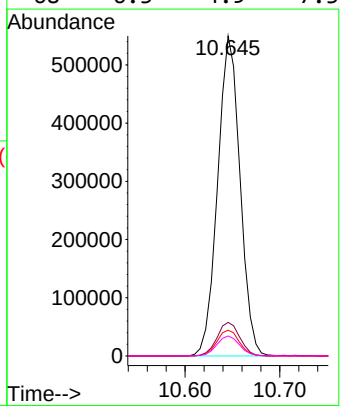


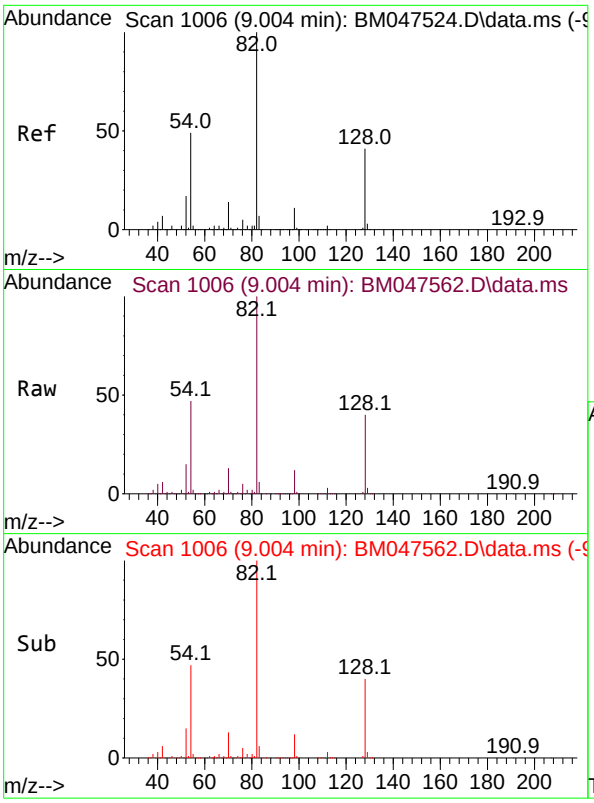


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Tgt Ion:136 Resp: 903255

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	8.1	6.6	9.8
68	6.3	4.9	7.3



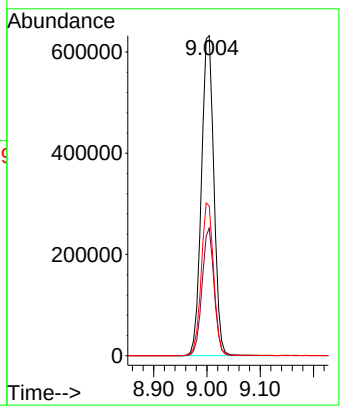


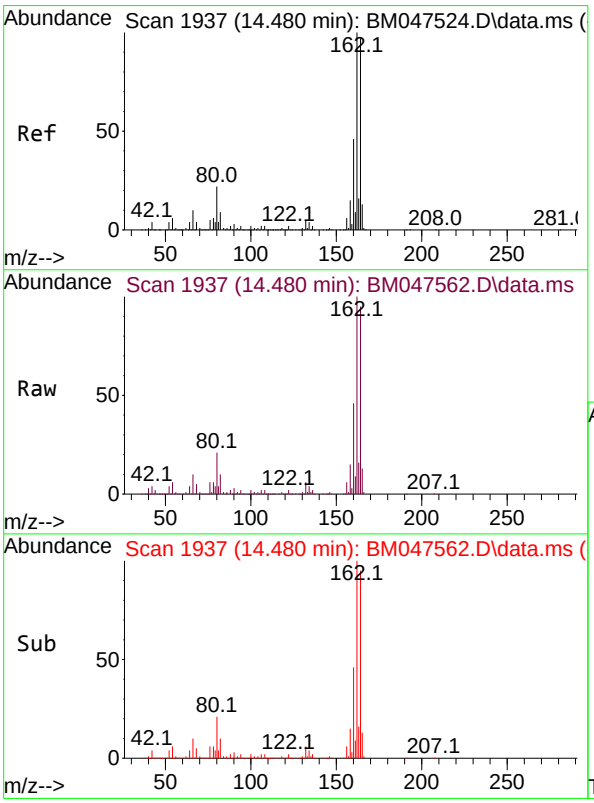
#23
Nitrobenzene-d5
Concen: 57.164 ng
RT: 9.004 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-08

Tgt Ion: 82 Resp: 1031721

Ion	Ratio	Lower	Upper
82	100		
128	39.9	33.0	49.4
54	46.8	39.3	58.9

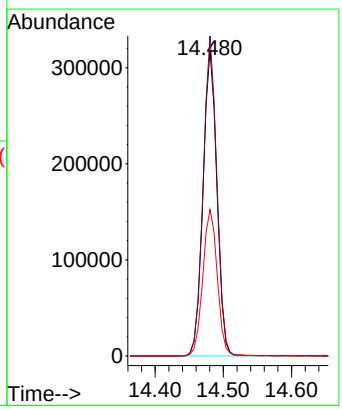


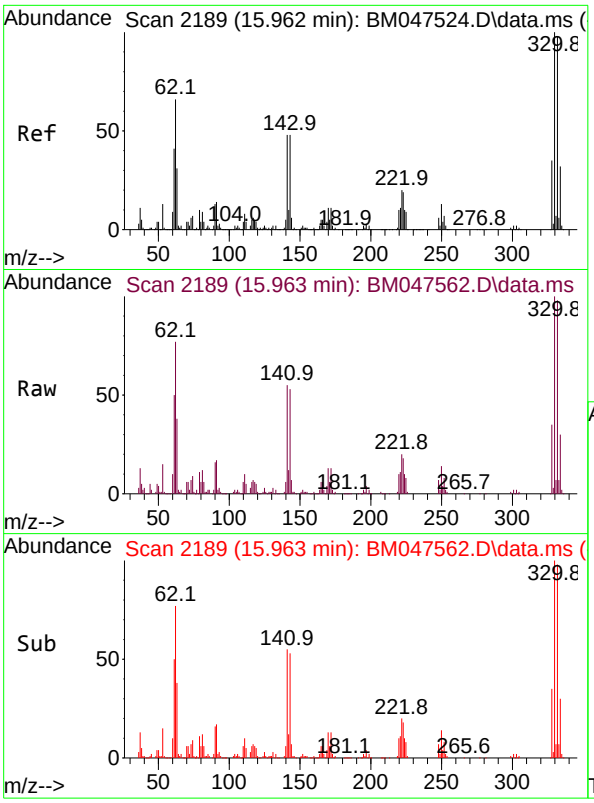


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Tgt Ion:164 Resp: 451602

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.2	123.2
160	48.0	38.2	57.2



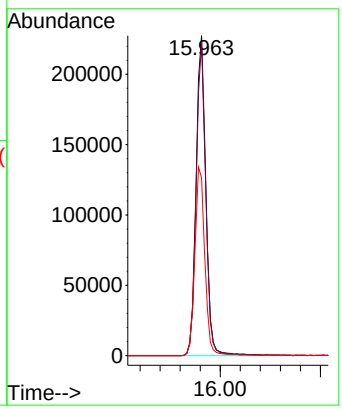


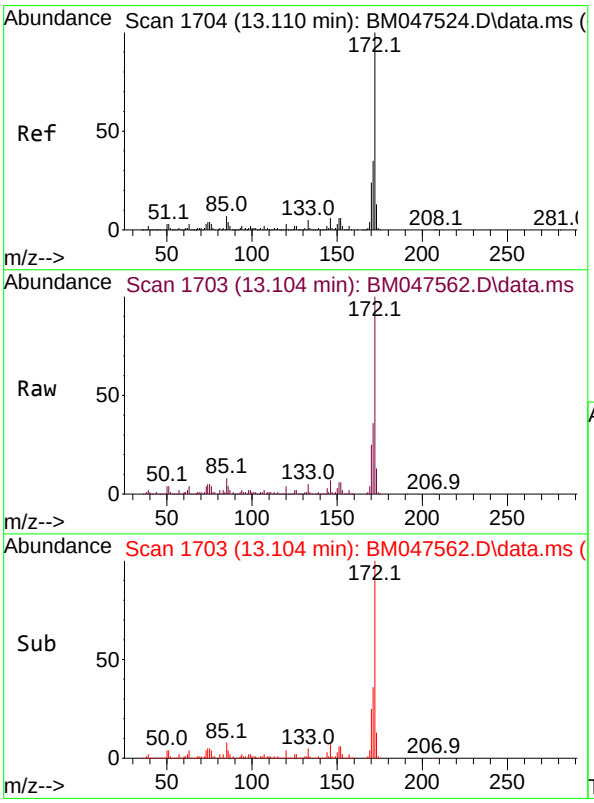
#42
2,4,6-Tribromophenol
Concen: 70.885 ng
RT: 15.963 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-08

Tgt Ion:330 Resp: 309423

Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.9	115.3
141	59.6	42.2	63.2

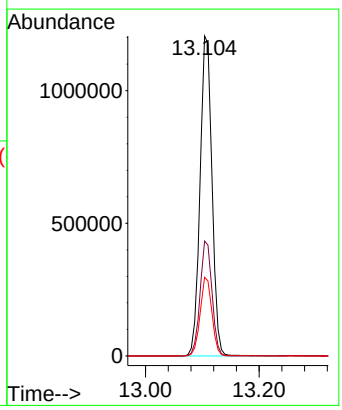


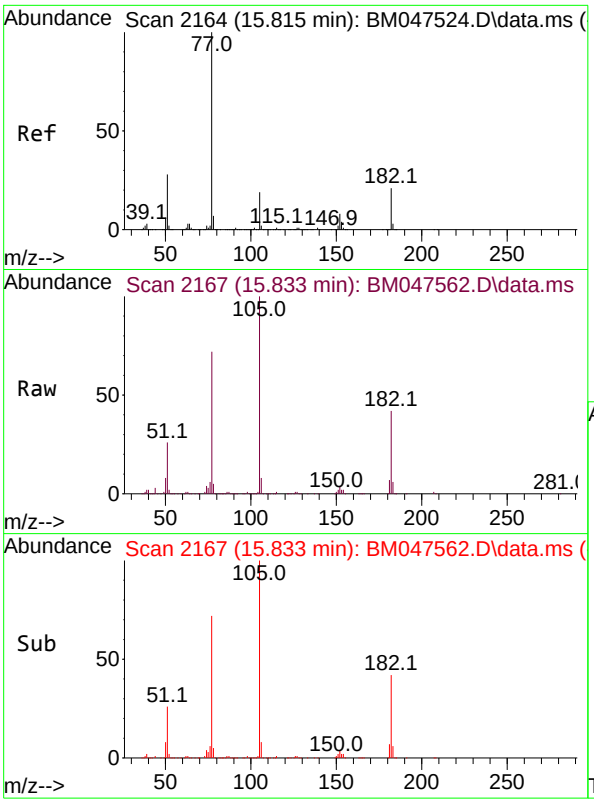


#45
2-Fluorobiphenyl
Concen: 53.777 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Tgt Ion:172 Resp: 1762994

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.2
170	24.6	19.4	29.0



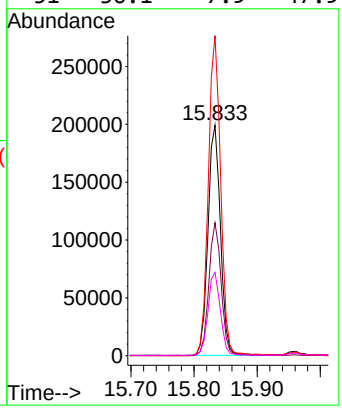


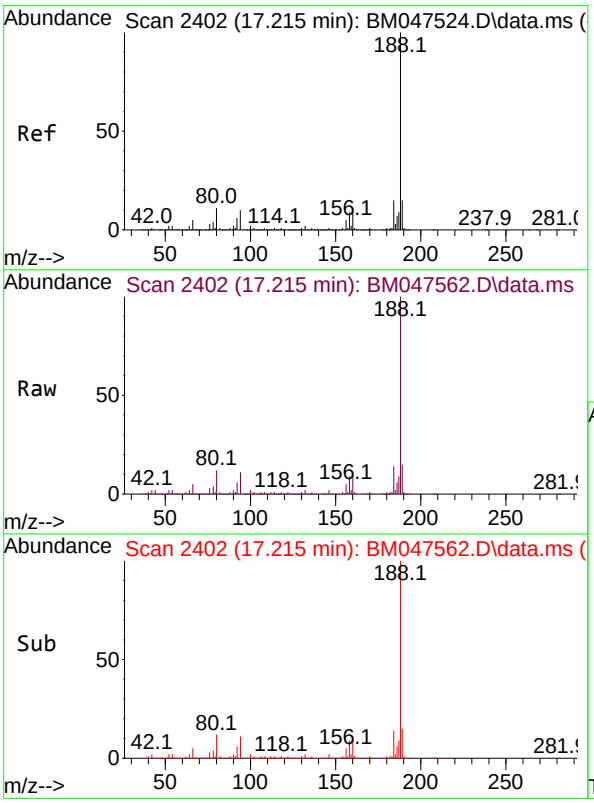
#63
Azobenzene
Concen: 7.607 ng
RT: 15.833 min Scan# 21
Delta R.T. 0.018 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-08

Tgt Ion: 77 Resp: 274381

Ion	Ratio	Lower	Upper
77	100		
182	57.7	1.2	41.2#
105	138.9	0.0	39.4#
51	36.1	7.9	47.9

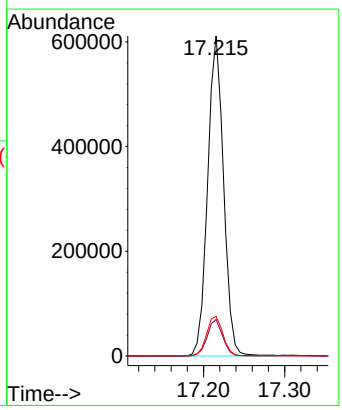


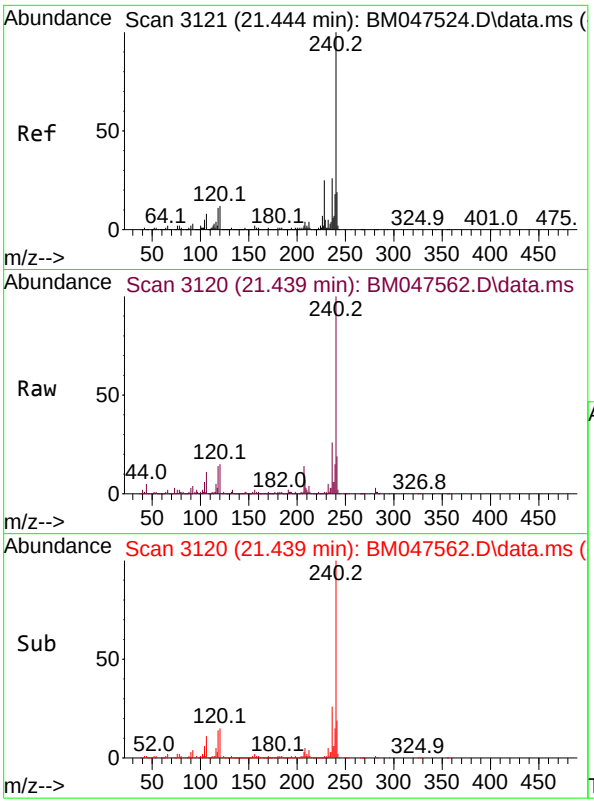


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Tgt Ion:188 Resp: 830876

Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.4	12.6
80	12.4	9.1	13.7



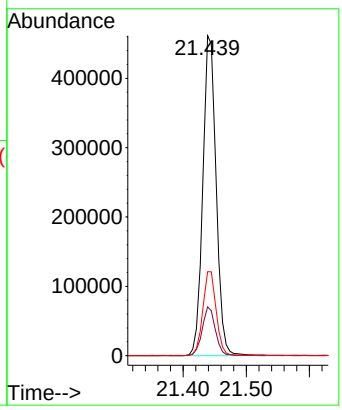


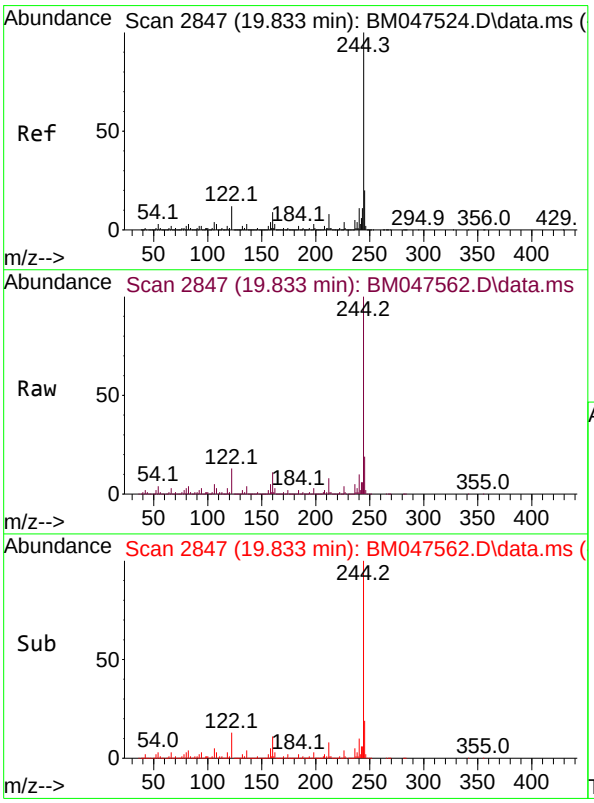
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-08

Tgt Ion:240 Resp: 678507

Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.6	14.4#
236	26.2	20.9	31.3

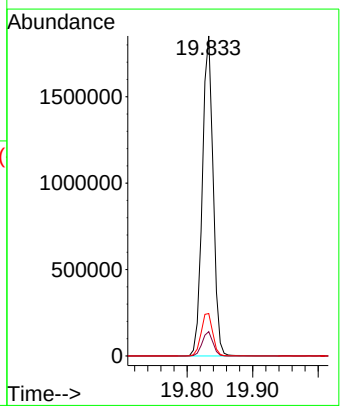


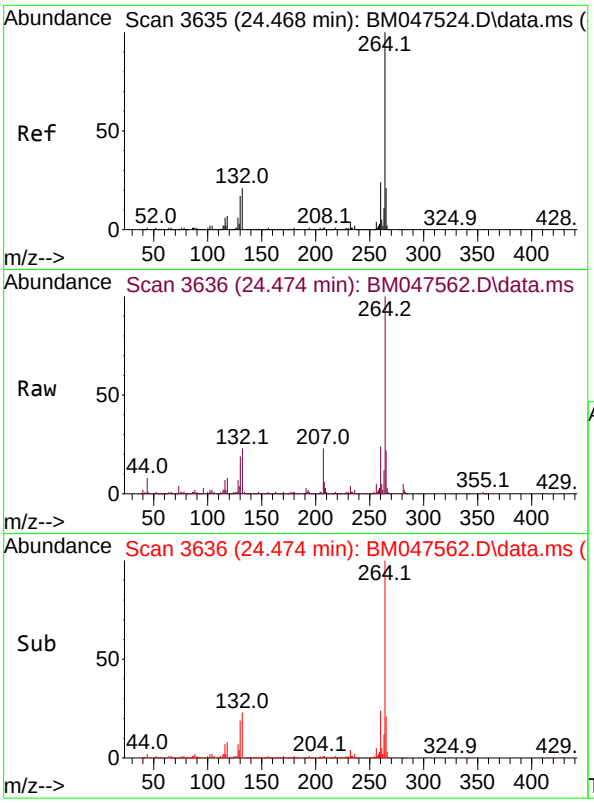


#79
Terphenyl-d14
Concen: 56.218 ng
RT: 19.833 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Tgt Ion:244 Resp: 2128644

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.2	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.474 min Scan# 3
Delta R.T. 0.006 min
Lab File: BM047562.D
Acq: 18 Sep 2024 19:05

Instrument :
BNA_M
ClientSampleId :
NB-614-COMP-08

Tgt Ion:264 Resp: 749282

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	21.7	17.4	26.2