Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060425\
Data File : BF142612.D
Acq On : 04 Jun 2025 17:48
Operator : RC/JU
Sample : Q2160-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

Quant Time: Jun 04 18:21:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	122107	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	455092	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	229398	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	334337	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	219434	20.000	ng	-0.01
86) Perylene-d12	15.557	264	271463	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	815161	112.471	ng	0.01
7) Phenol-d6	6.522	99	894051	102.475	ng	-0.01
23) Nitrobenzene-d5	7.457	82	646508	77.464	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	290299	114.020	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1279984	74.873	ng	-0.02
79) Terphenyl-d14	13.010	244	969529	60.378	ng	0.00
Target Compounds						Qvalue

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

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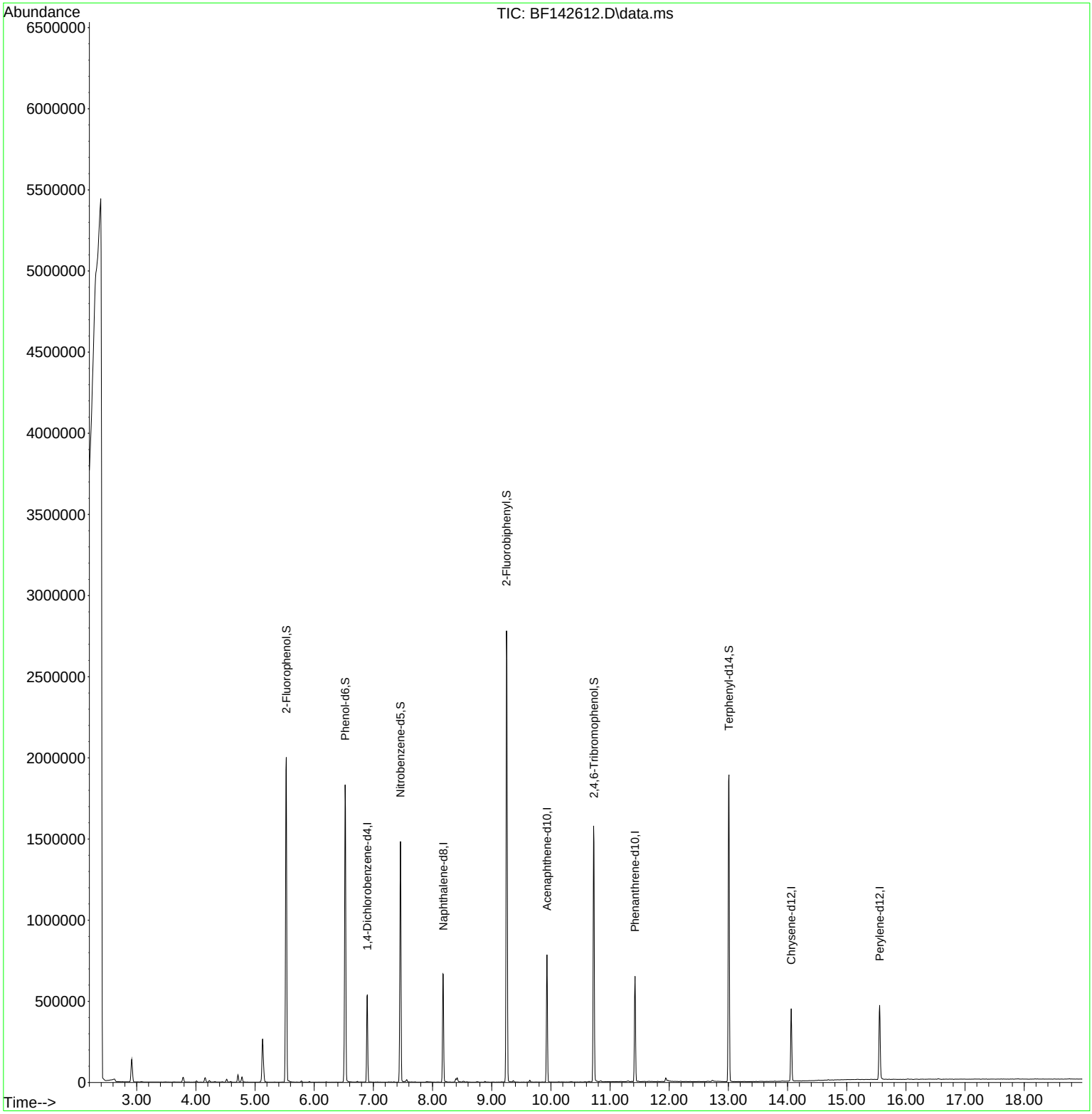
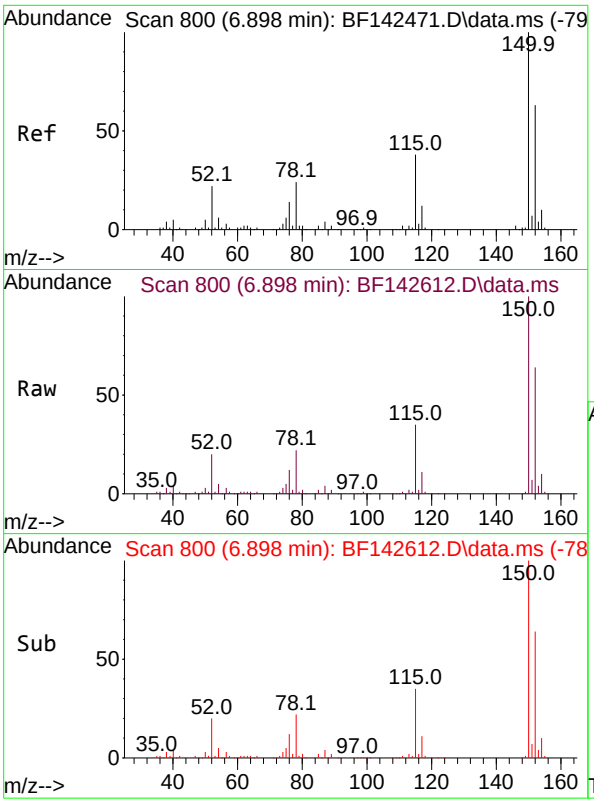


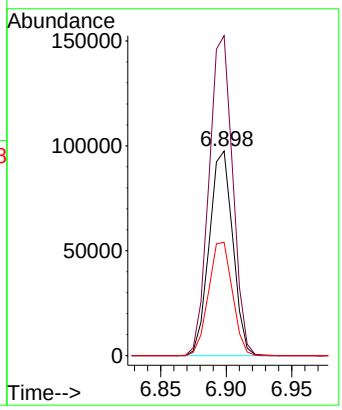


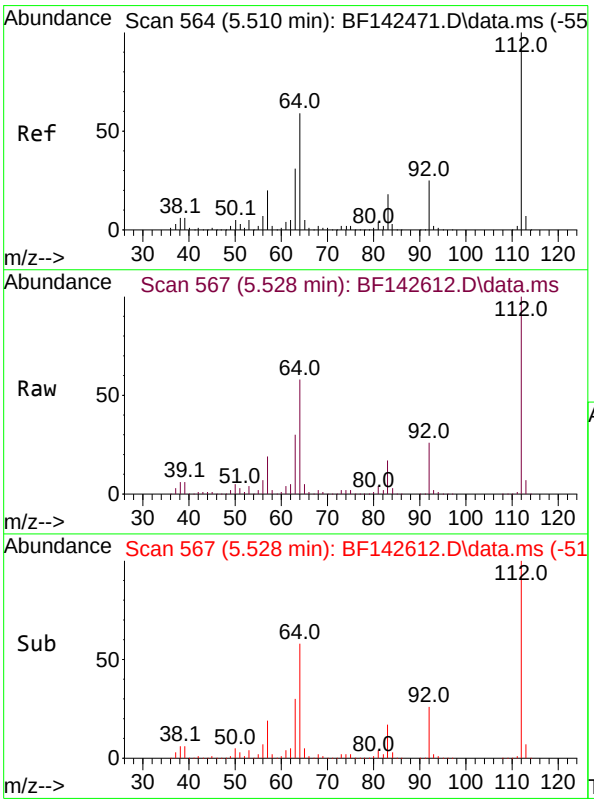
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

Tgt Ion:152 Resp: 122107

Ion	Ratio	Lower	Upper
152	100		
150	156.4	128.2	192.4
115	55.4	48.3	72.5

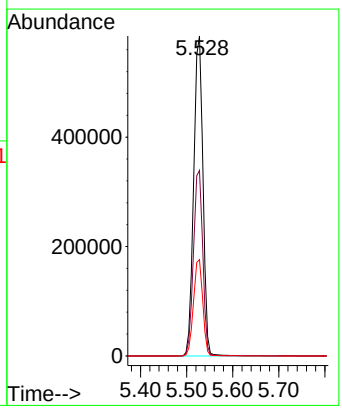


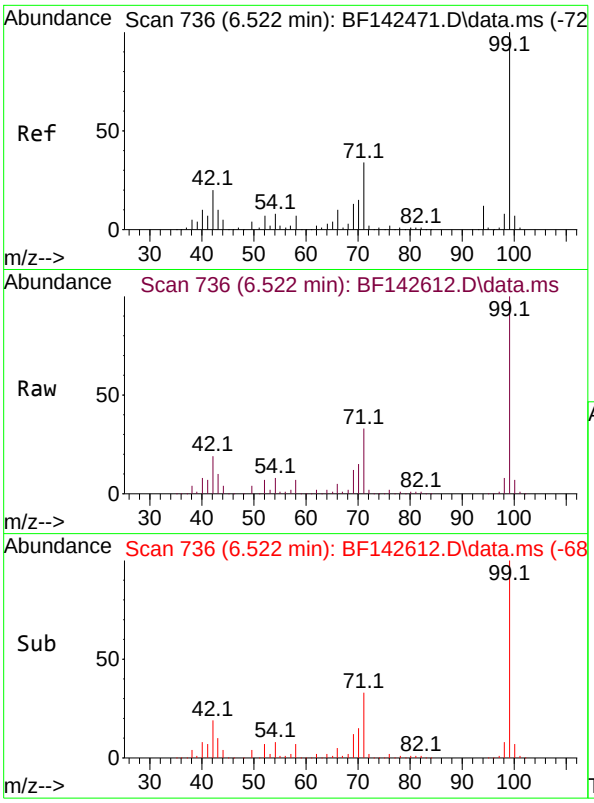


#5
2-Fluorophenol
Concen: 112.471 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Tgt Ion:112 Resp: 815161

Ion	Ratio	Lower	Upper
112	100		
64	58.0	47.5	71.3
63	30.1	24.9	37.3



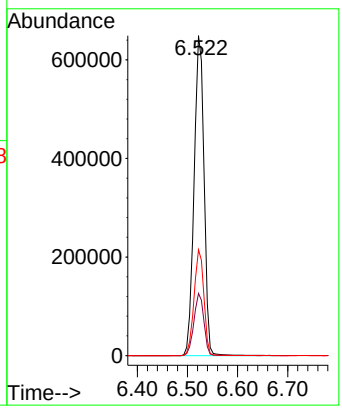


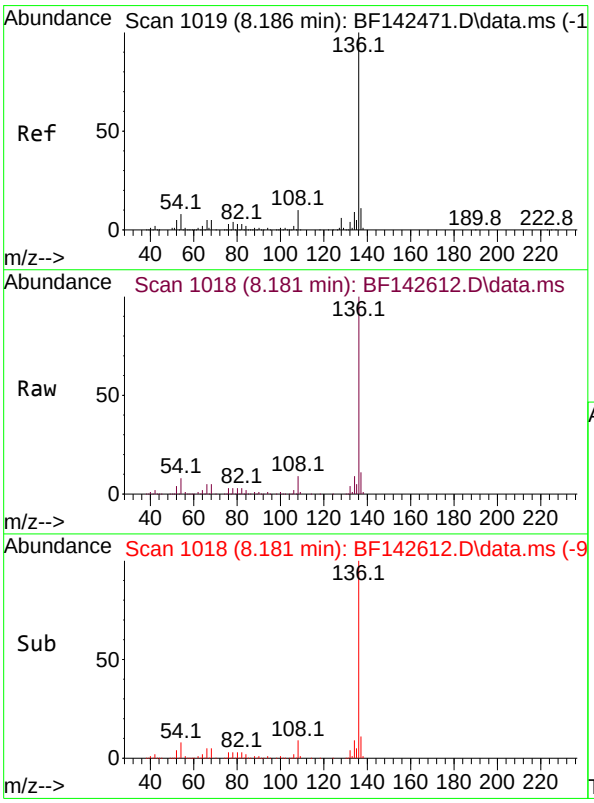
#7
Phenol-d6
Concen: 102.475 ng
RT: 6.522 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

Tgt Ion: 99 Resp: 894051

Ion	Ratio	Lower	Upper
99	100		
42	19.4	16.2	24.2
71	33.1	27.3	40.9

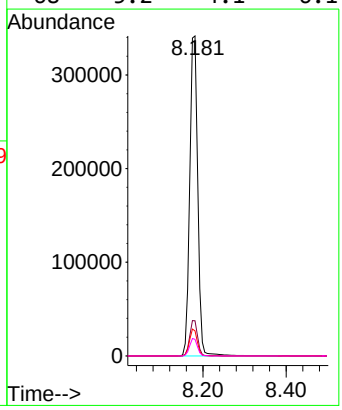


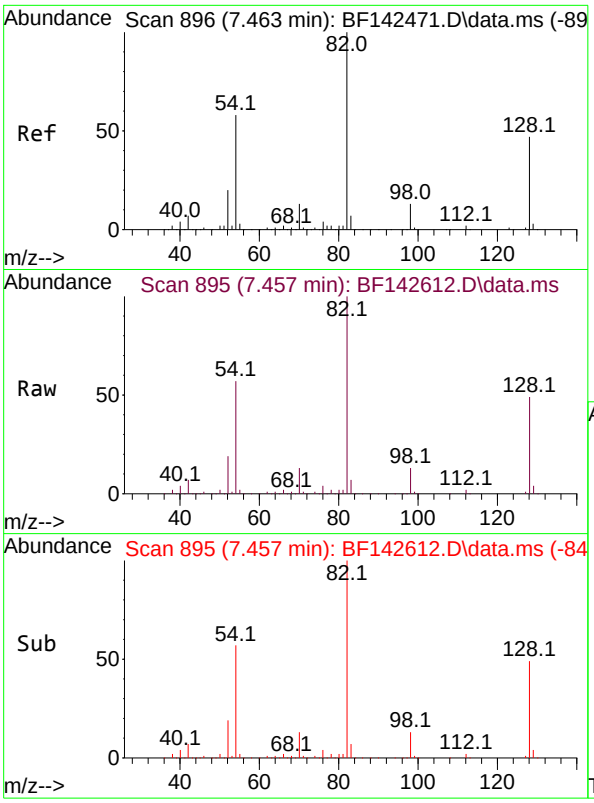


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Tgt Ion:136 Resp: 455092

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.8	6.6	10.0
68	5.2	4.1	6.1



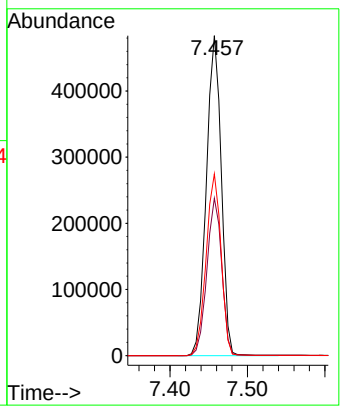


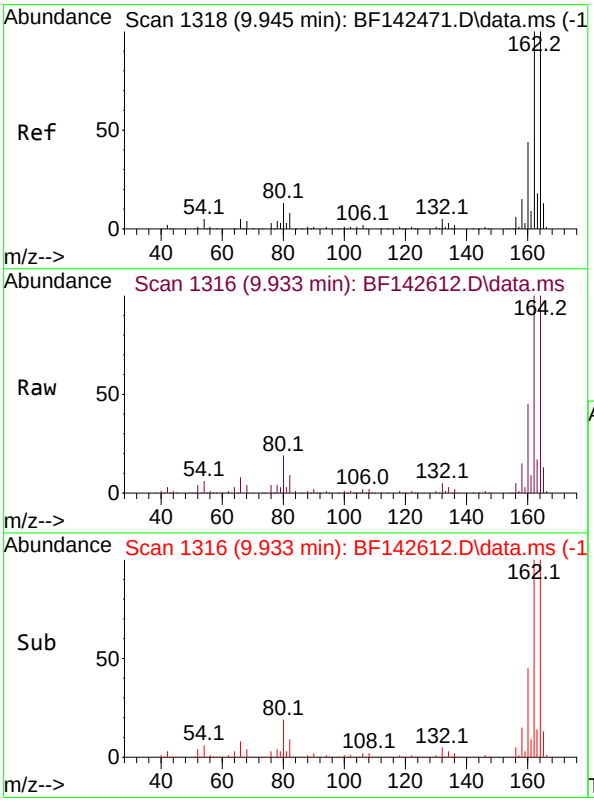
#23
Nitrobenzene-d5
Concen: 77.464 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

Tgt Ion: 82 Resp: 646508

Ion	Ratio	Lower	Upper
82	100		
128	49.2	37.4	56.2
54	56.8	46.6	70.0

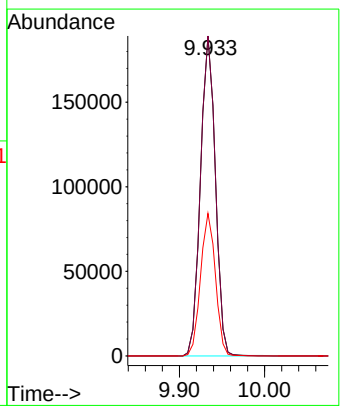


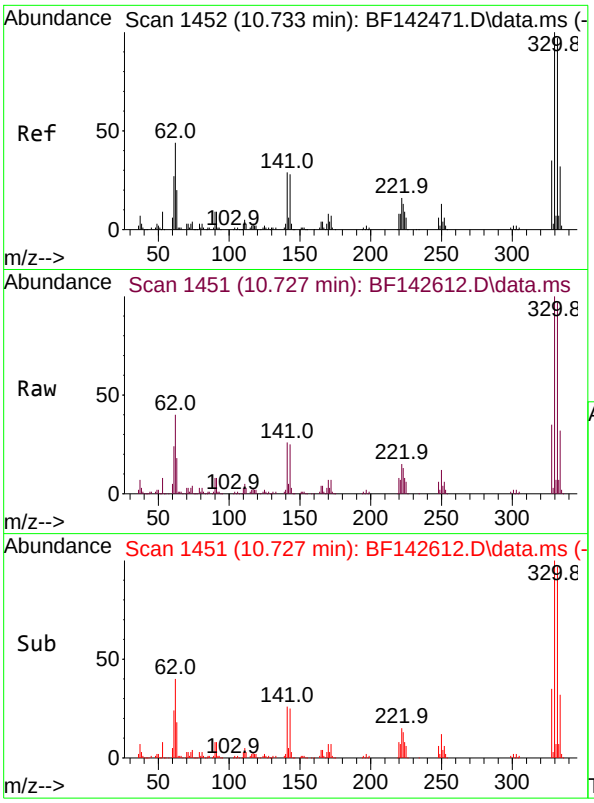


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Tgt Ion:164 Resp: 229398

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.4
160	44.6	35.6	53.4



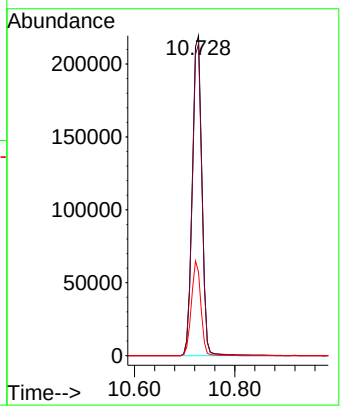


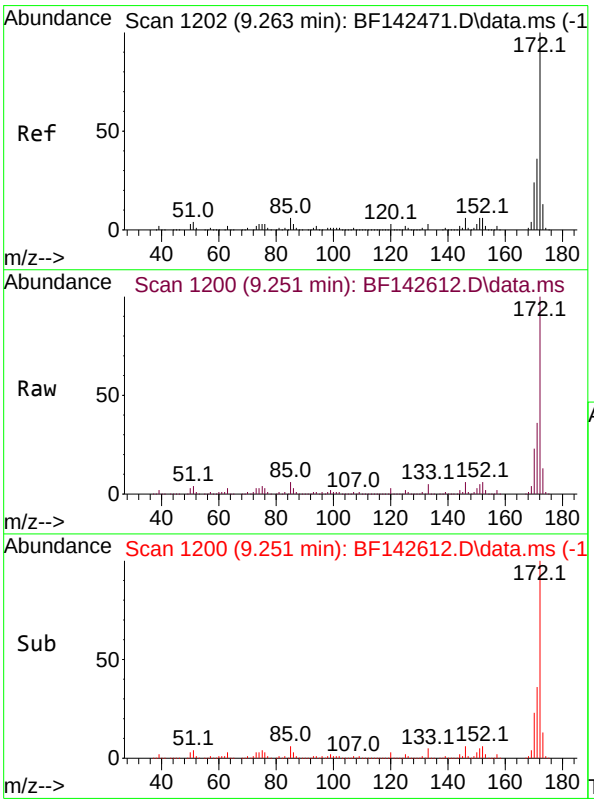
#42
2,4,6-Tribromophenol
Concen: 114.020 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

Tgt Ion:330 Resp: 290299

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.6	116.4
141	29.1	24.6	36.8

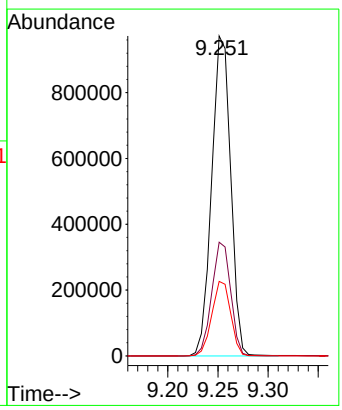


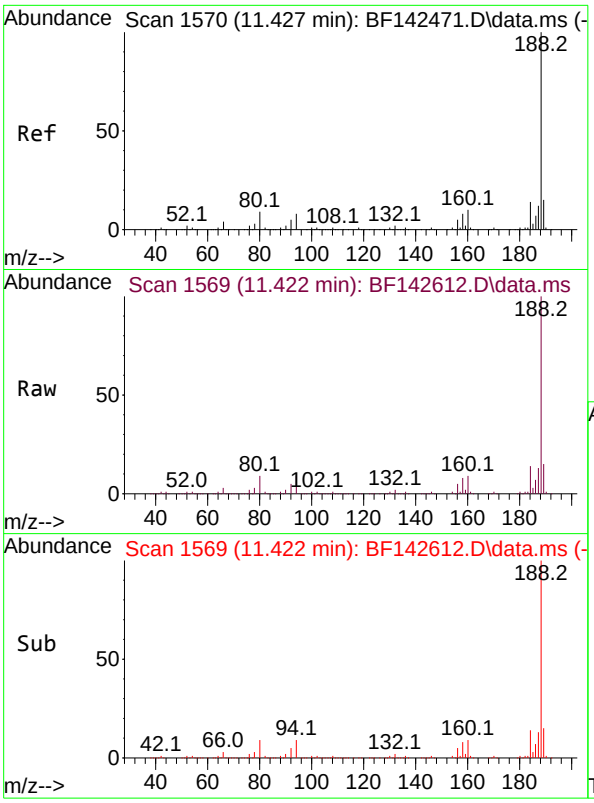


#45
2-Fluorobiphenyl
Concen: 74.873 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Tgt Ion:172 Resp: 1279984

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.3	18.9	28.3



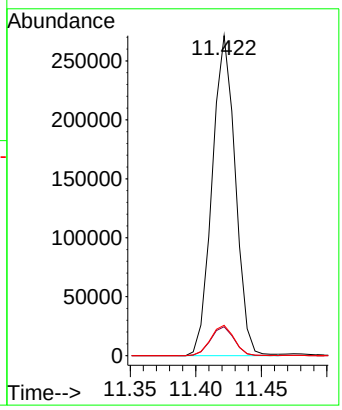


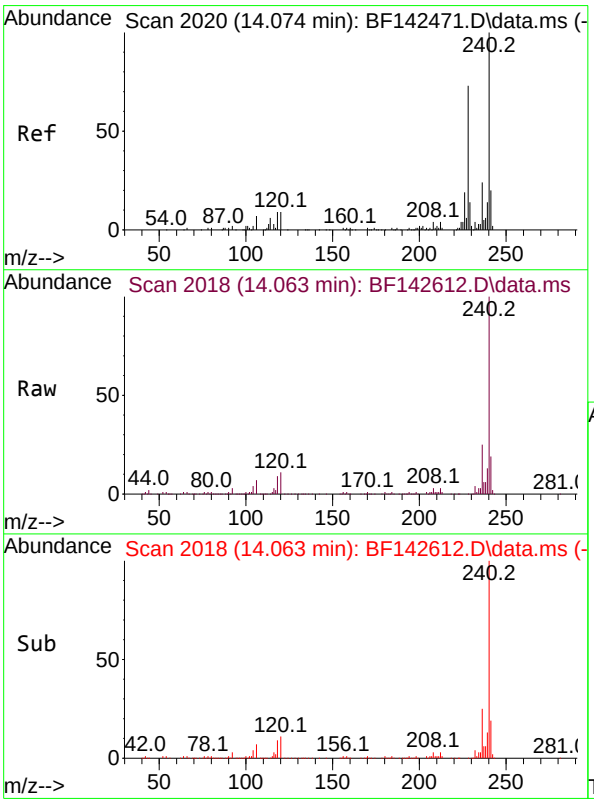
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

Tgt Ion:188 Resp: 334337

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.5	7.4	11.0

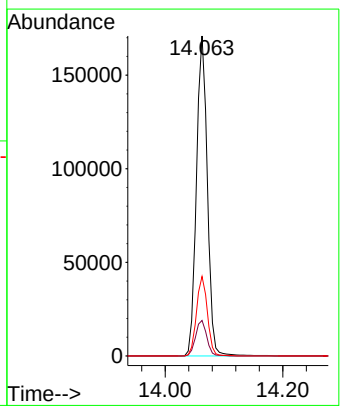


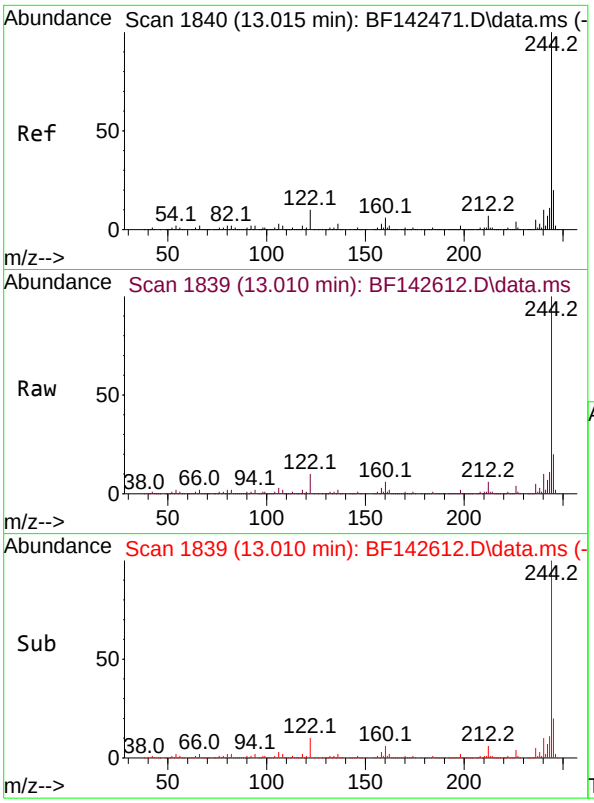


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Tgt Ion:240 Resp: 219434

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.5	11.3
236	24.8	19.6	29.4



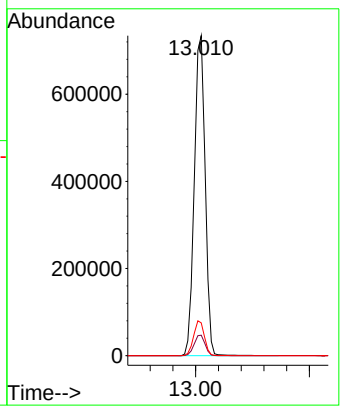


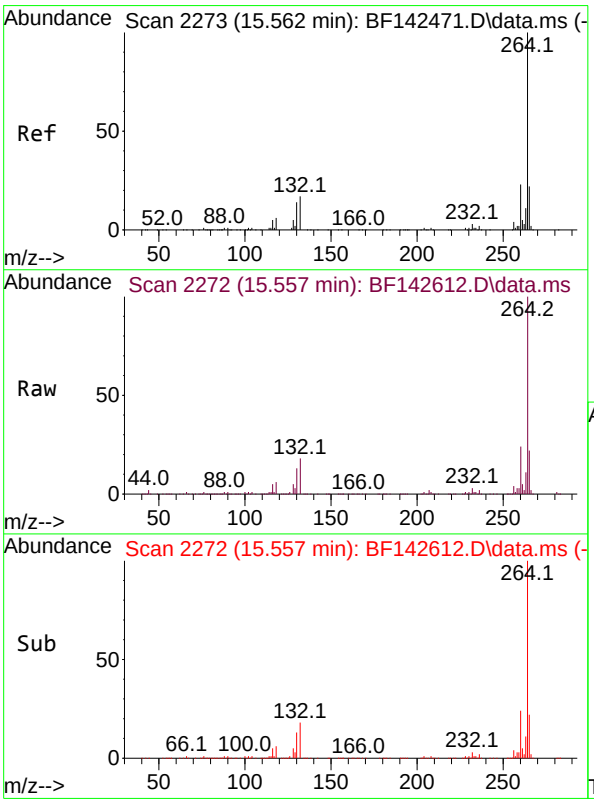
#79
Terphenyl-d14
Concen: 60.378 ng
RT: 13.010 min Scan# 18
Delta R.T. -0.006 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Instrument :
BNA_F
ClientSampleId :
TP05-MHH-WC

Tgt Ion:244 Resp: 969529

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.3	7.9
122	10.2	8.2	12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF142612.D
Acq: 04 Jun 2025 17:48

Tgt Ion:264 Resp: 271463

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	22.0	17.7	26.5