Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
Data File : BM047550.D
Acq On : 17 Sep 2024 19:06
Operator : RC/JU
Sample : PB163110BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163110BL

Quant Time: Sep 18 03:06:55 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	7.845	152	345871	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1357777	20.000	ng	0.00
39) Acenaphthene-d10	14.474	164	714943	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1341398	20.000	ng	0.00
76) Chrysene-d12	21.433	240	858057	20.000	ng	#-0.01
86) Perylene-d12	24.456	264	742091	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	3664235	168.683	ng	0.00
7) Phenol-d6	7.010	99	4597927	150.300	ng	0.00
23) Nitrobenzene-d5	8.998	82	2782791	102.570	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	976661	141.329	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	5418397	104.399	ng	0.00
79) Terphenyl-d14	19.827	244	7143722	149.187	ng	0.00
Target Compounds						Qvalue

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

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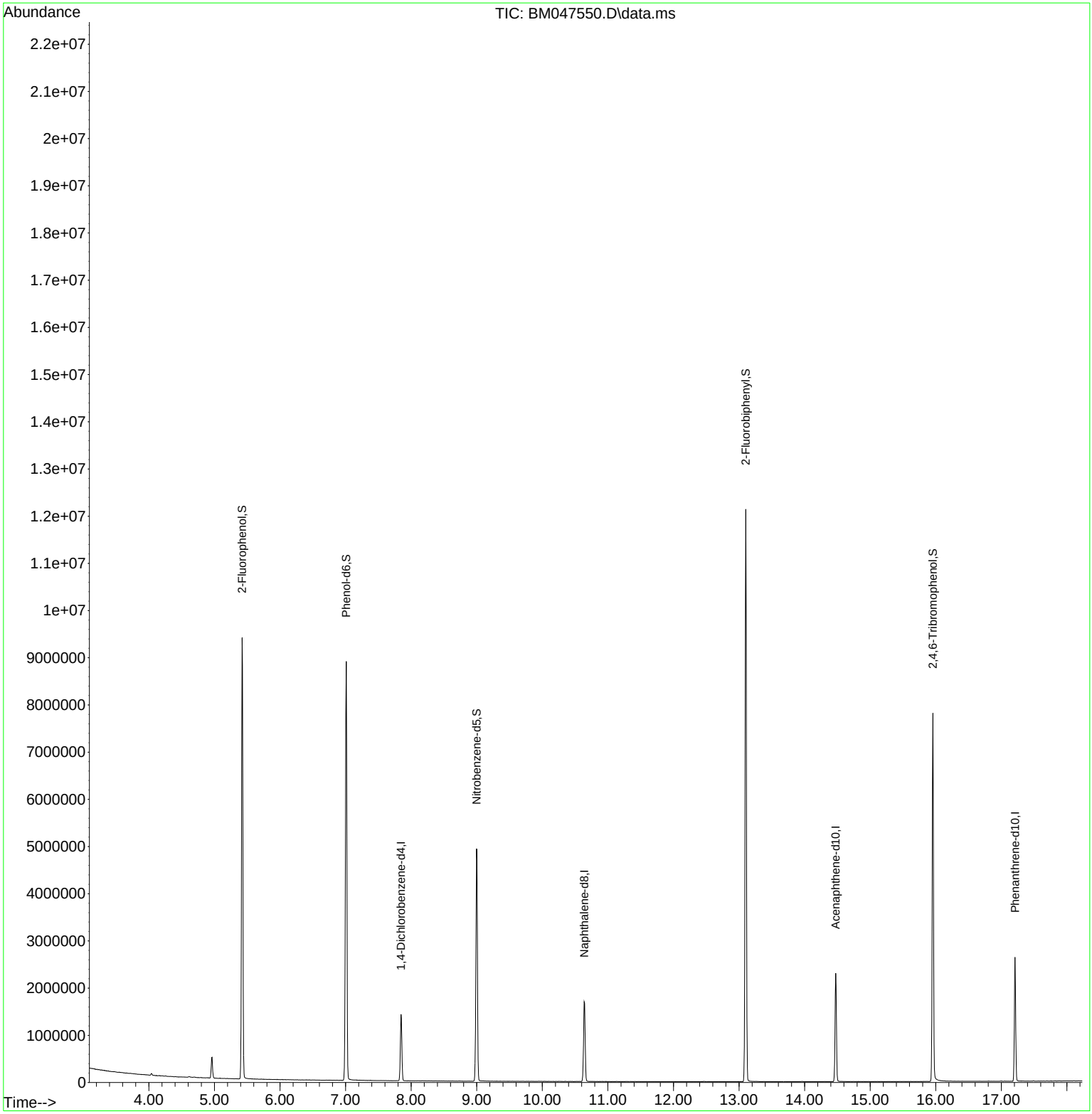

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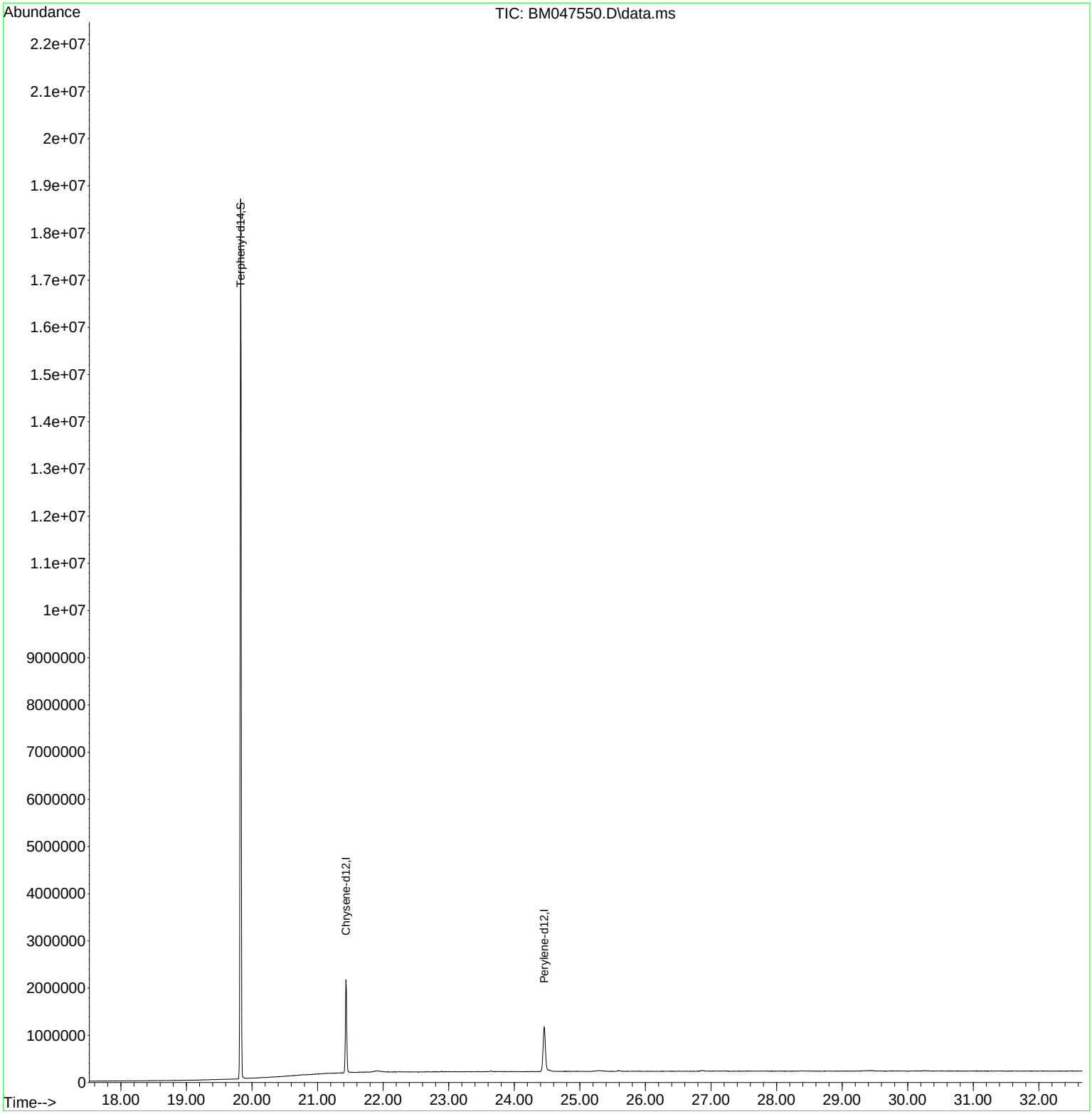
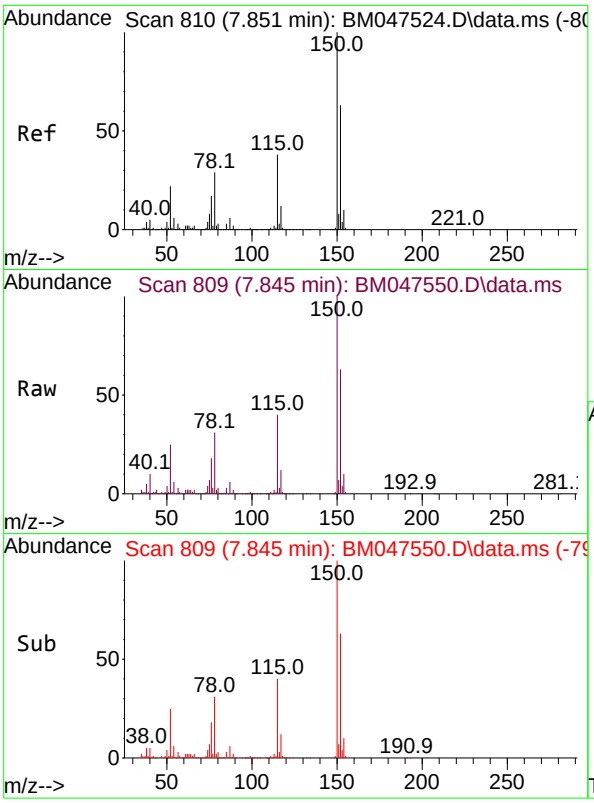


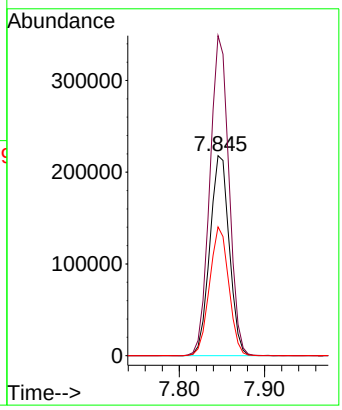


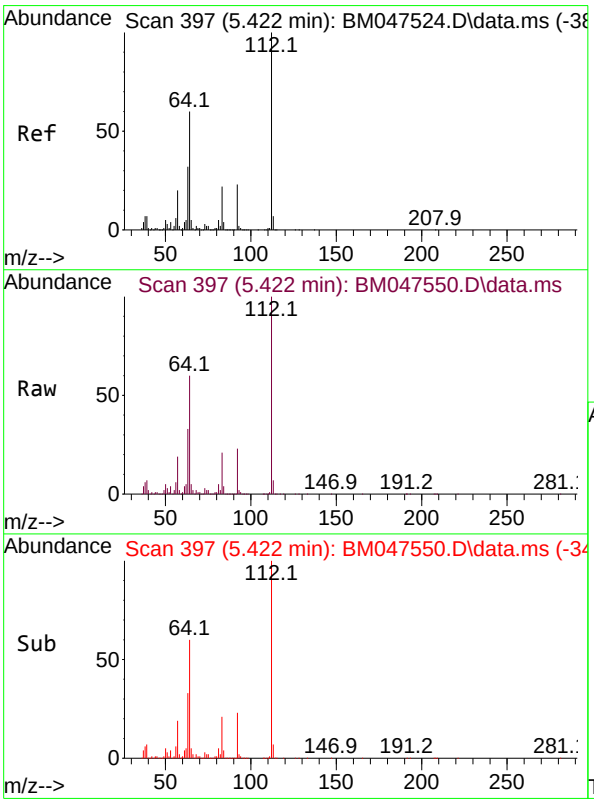
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Instrument :
BNA_M
ClientSampleId :
PB163110BL

Tgt Ion:152 Resp: 345871

Ion	Ratio	Lower	Upper
152	100		
150	160.0	126.8	190.2
115	64.4	47.8	71.8

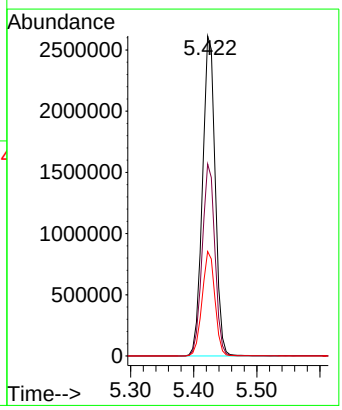


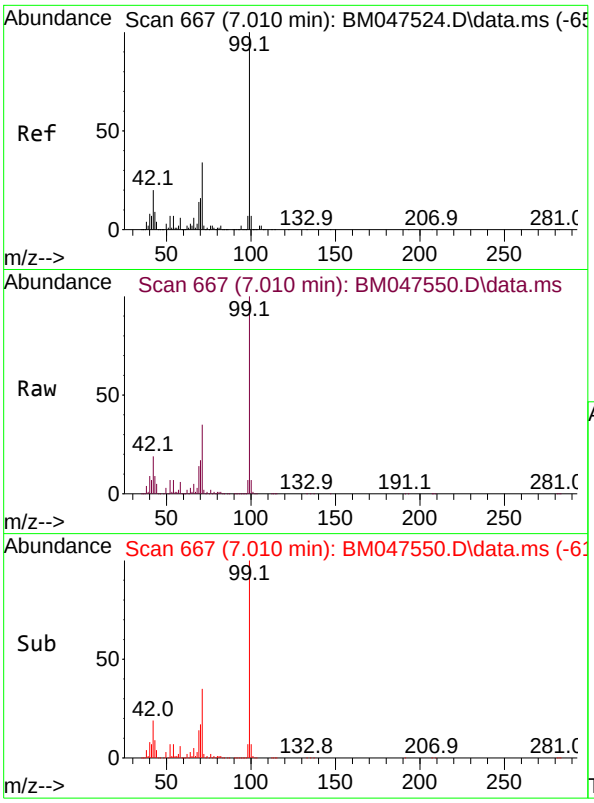


#5
2-Fluorophenol
Concen: 168.683 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.000 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Tgt Ion:112 Resp: 3664235

Ion	Ratio	Lower	Upper
112	100		
64	60.0	48.2	72.4
63	32.6	26.0	39.0



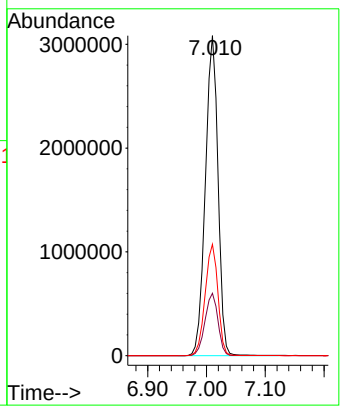


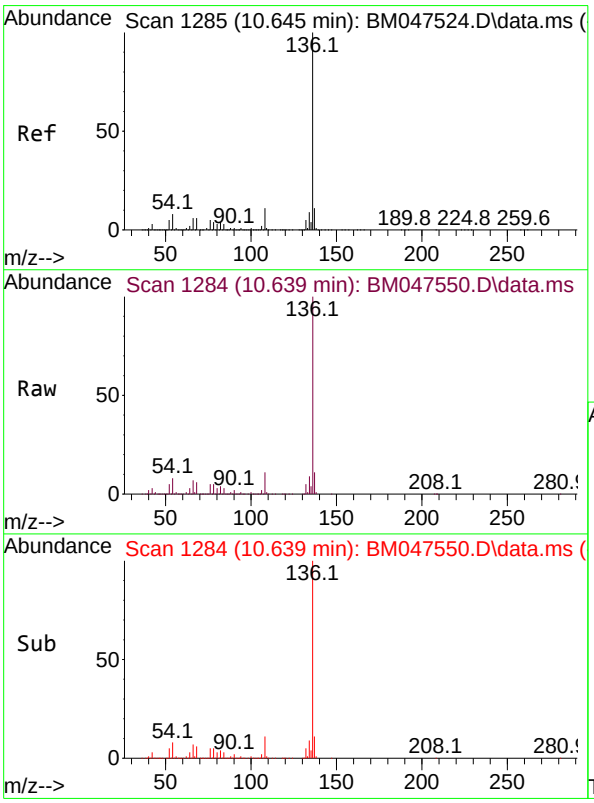
#7
Phenol-d6
Concen: 150.300 ng
RT: 7.010 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Instrument :
BNA_M
ClientSampleId :
PB163110BL

Tgt Ion: 99 Resp: 4597927

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.8	23.8
71	34.8	27.6	41.4

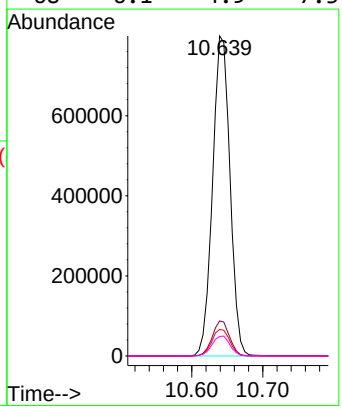


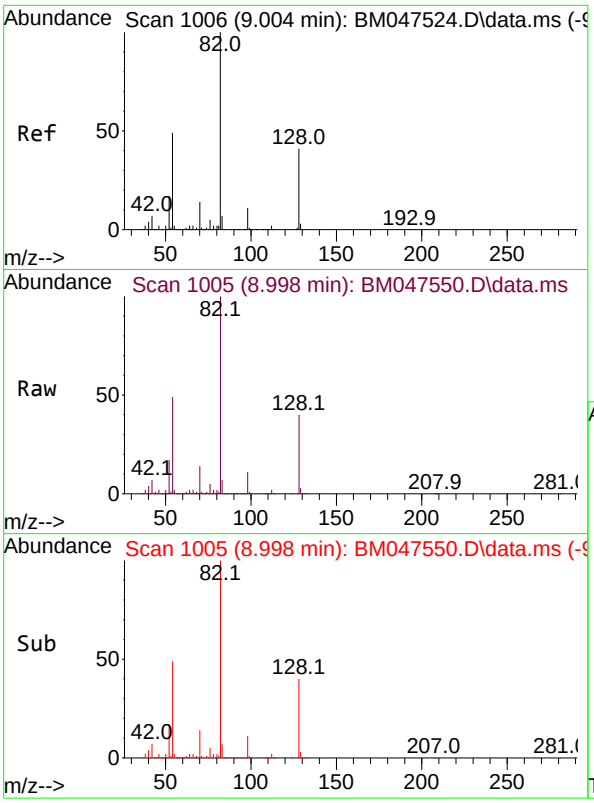


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Tgt Ion:136 Resp: 1357777

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.3	6.6	9.8
68	6.1	4.9	7.3



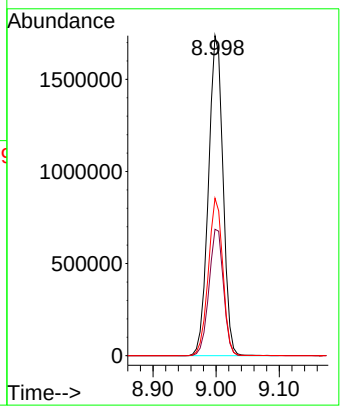


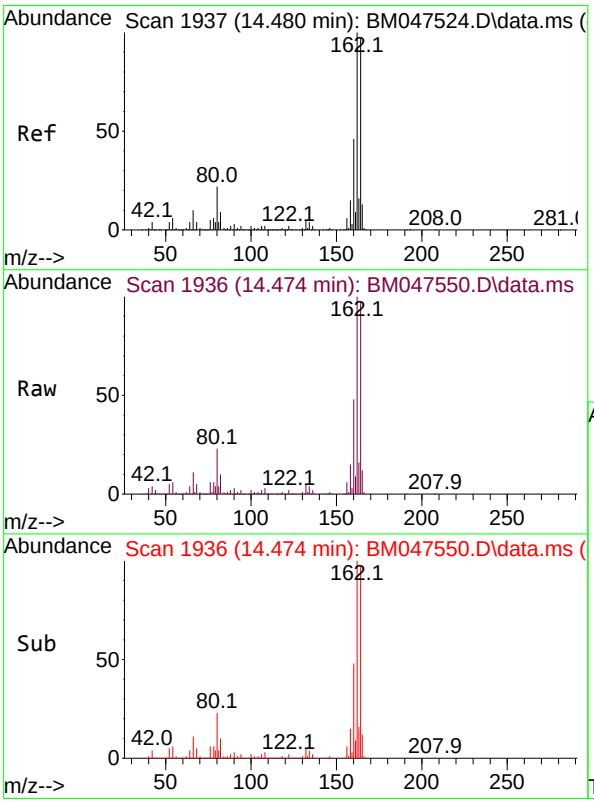
#23
Nitrobenzene-d5
Concen: 102.570 ng
RT: 8.998 min Scan# 1(
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Instrument :
BNA_M
ClientSampleId :
PB163110BL

Tgt Ion: 82 Resp: 2782791

Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	49.2	39.3	58.9

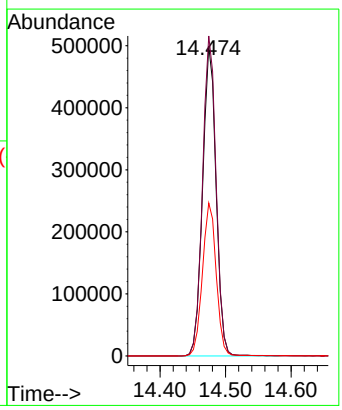


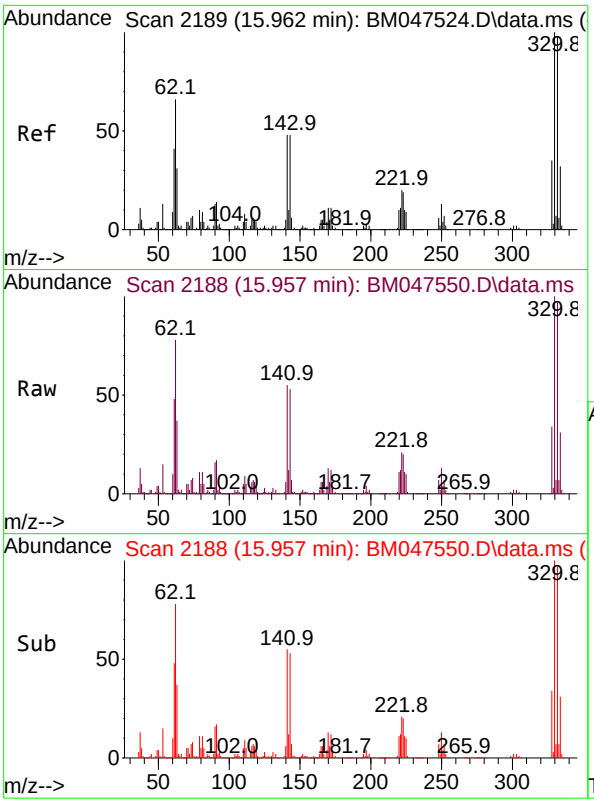


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Tgt Ion:164 Resp: 714943

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	49.4	38.2	57.2



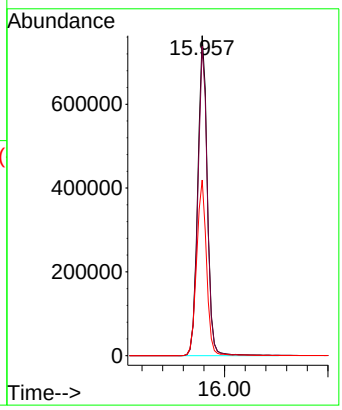


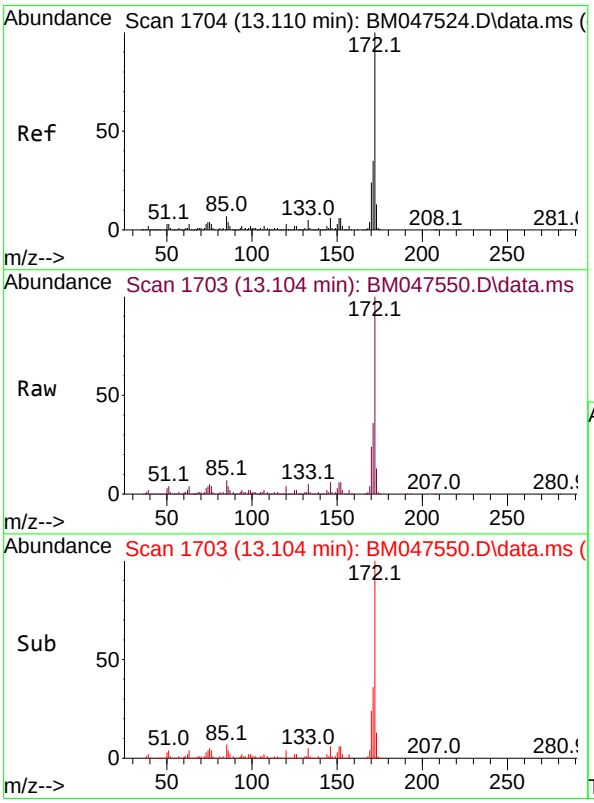
#42
2,4,6-Tribromophenol
Concen: 141.329 ng
RT: 15.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Instrument :
BNA_M
ClientSampleId :
PB163110BL

Tgt Ion:330 Resp: 976661

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.9	115.3
141	57.1	42.2	63.2

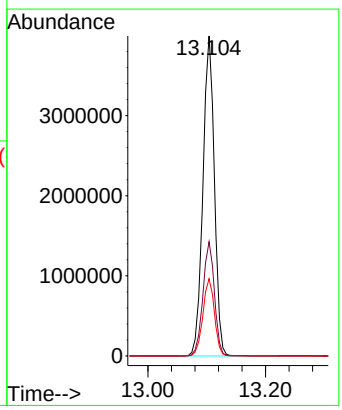


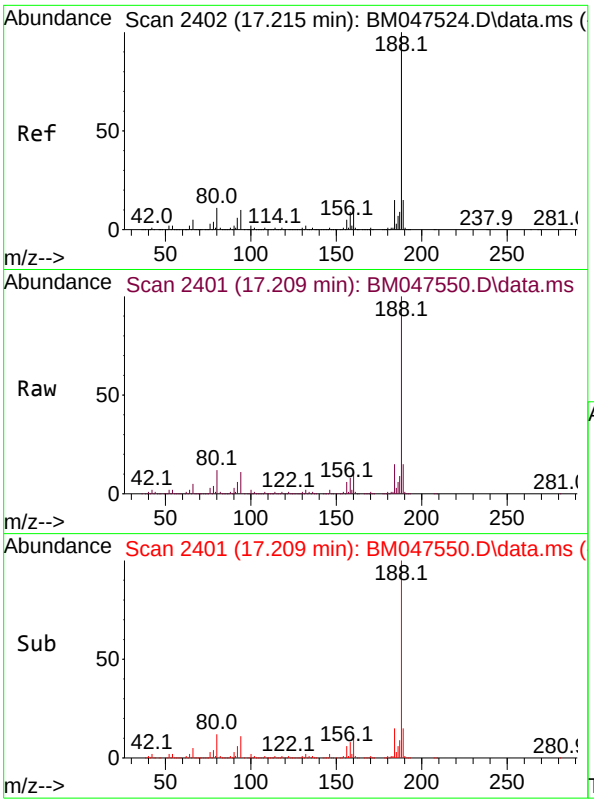


#45
2-Fluorobiphenyl
Concen: 104.399 ng
RT: 13.104 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Tgt Ion:172 Resp: 5418397

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	24.2	19.4	29.0



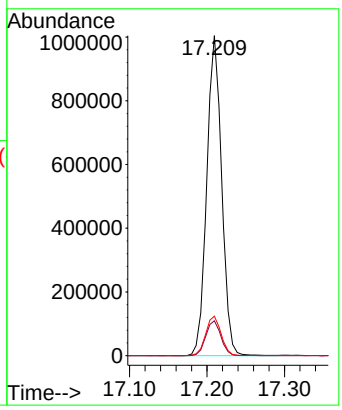


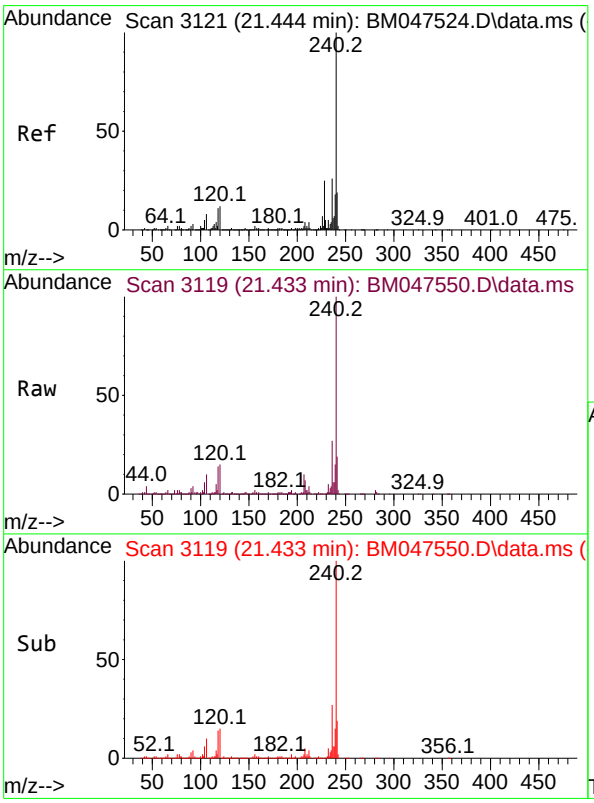
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.209 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Instrument :
BNA_M
ClientSampleId :
PB163110BL

Tgt Ion:188 Resp: 1341398

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.4	12.6
80	12.4	9.1	13.7

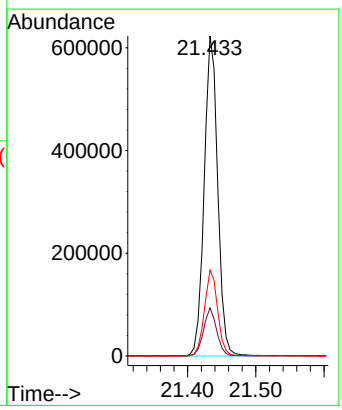


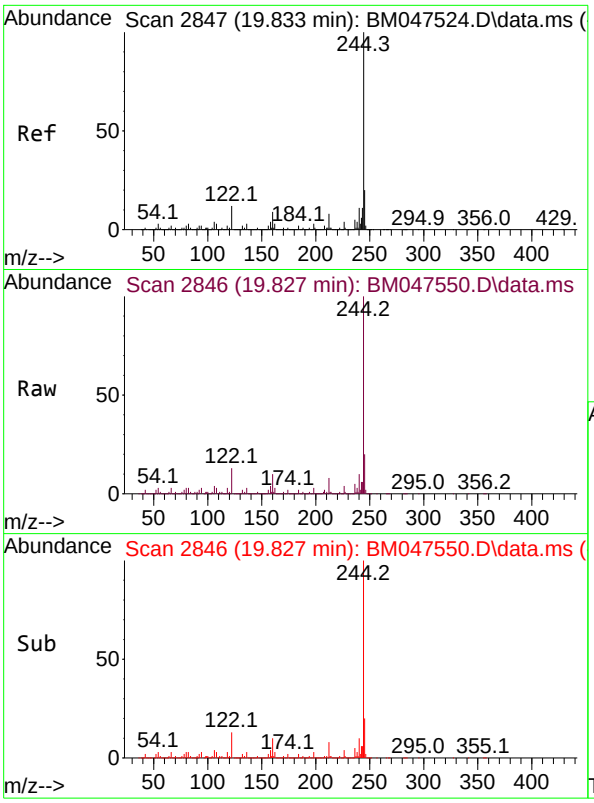


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Tgt Ion:240 Resp: 858057

Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.6	14.4#
236	26.8	20.9	31.3



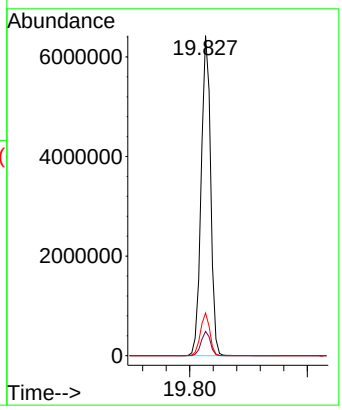


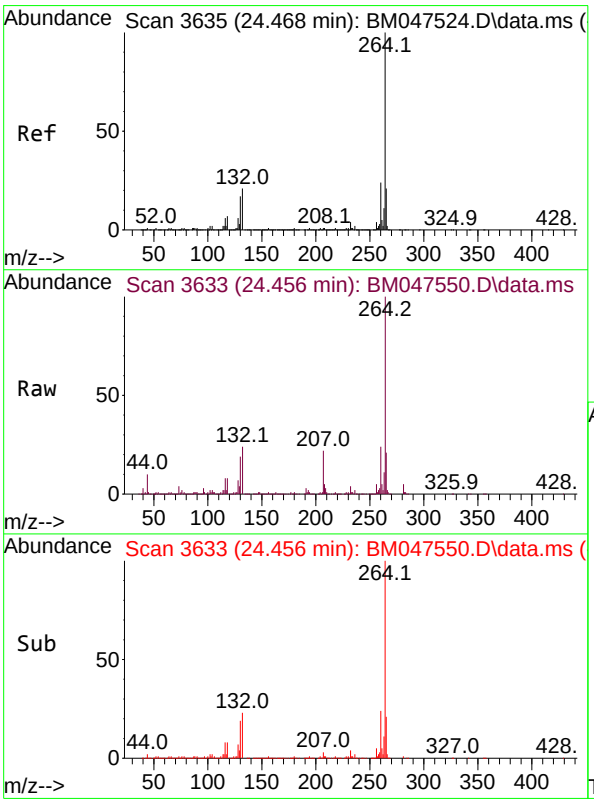
#79
Terphenyl-d14
Concen: 149.187 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Instrument :
BNA_M
ClientSampleId :
PB163110BL

Tgt Ion:244 Resp: 7143722

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.4	9.6	14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.456 min Scan# 3633
Delta R.T. -0.012 min
Lab File: BM047550.D
Acq: 17 Sep 2024 19:06

Tgt Ion:264 Resp: 742091

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.5	17.4	26.2